Government of Saskatchewan

Annual Report 1985

Saskatchewan Health
Vital Statistics
3475 Albert Street
Regina, Saskatchewan
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Department of Health

To The Honourable F. W. Johnson,
Lieutenant Governor of Saskatchewan.

May It Please Your Honour:

I beg to present herewith, for your consideration, the annual report on Saskatchewan vital statistics for the calendar year 1985.

Respectfully submitted.

George McLeod,
Minister of Health.

Department of Health

To The Honourable George McLeod,
Minister of Health.

Sir:

I have the honour to forward herewith the annual report on Saskatchewan vital statistics for the calendar year 1985.

Respectfully submitted.

Walter Podiluk
Deputy Minister of Health.

Foreword

The Saskatchewan Vital Statistics Annual Report 1985 has been prepared subsequent to the Interim Report on Saskatchewan Vital Statistics for the Calendar Year 1985, which was tabled in the Legislative Assembly on April 3, 1986. The Interim Report is based on place of occurrences in Saskatchewan regardless of place of residence. This Annual Report is based on occurrences to Saskatchewan residents regardless of where they took place.

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Terms and Definitions

A summary of symbols, definitions, and the method of computing rates used in this report are given below.

Symbols:

n.a. figures not available
— nil or zero

Definitions:

Population — unless otherwise indicated, resident population as enumerated in census years or estimated for intercensal years.
— 1972-1975, 1977-1980, 1982-1985 — June 1 intercensal estimates.
— 1921-1971, 1976, 1981 — census or revised estimates.

Births — unless otherwise indicated, infants born alive, i.e. excluding stillbirths.

Stillbirths — unless otherwise indicated, foetal deaths of 20 or more weeks' gestation.

Deaths — unless otherwise indicated, exclude stillbirths.

Infant deaths — deaths under 1 year of age.

Neonatal mortality — deaths under 28 days (4 weeks) of age.

Maternal mortality — deaths due to delivery and complications of pregnancy, childbirth and the puerperium (Categories 630-676 International List).

Perinatal mortality — foetal deaths of 20 or more weeks' gestation plus infant deaths under 7 days (1 week) of age.

Natural increase — excess of births over deaths.

Crude rates — birth, marriage, death and natural increase rates per 1,000 population.

Age-specific fertility rates — birth rate per 1,000 women in the respective age period.

Total fertility rates — sum of female age-specific fertility rates, multiplied by 5.

General fertility rates — birth rate per 1,000 women 15-49 years.

Gross reproduction — average number of live daughters that would be born to a hypothetical female birth cohort if subjected to current age-specific fertility rates, and assuming that mortality before age 50 is zero.

Total births — live births and stillbirths.

Years of Life Lost — number of years between age at death and mean life expectancy for that age.

Age — complete ages in years, months, etc.

Average age — arithmetic mean.

Median age — age above and below which half of the total events occur.

Rates

(unless otherwise indicated, computed as follows)

Live births:	per 1,000 population.
Stillbirths:	per 1,000 live births.
Deaths:	per 1,000 population.
Infant:	per 1,000 live births.
Neonatal:	per 1,000 live births.
Maternal:	per 1,000 live births.
Perinatal:	per 1,000 total births.
Causes of death	
All causes:	per 100,000 population.
Infant:	per 1,000 live births.
Marriages:	per 1,000 population.
Divorces:	per 100,000 population.
Natural increase:	per 1,000 population.

Notes:

1. Causes of death are coded according to the 9th 1975 Revision of the International Classification of Diseases, Injuries and Causes of Death, which was put into effect on January 1, 1979.
2. Rates and percentages may not add to 100.0 due to rounding.
3. Inquiries about this publication should be addressed to:

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Introduction

Population

At the turn of the century, the first heavy settlement took place in Saskatchewan. This was a period of record migration from overseas, supplemented by a massive east-west movement on the continent itself. This trend, however, reversed during the 1930's. Low fertility and low mortality prevailed and the migration of people began in the opposite direction. After World War II, the fertility rate reversed from low to moderate while the mortality rate remained low. During the 1950's and 1960's, losses in population continued but the higher rate of natural increase counterbalanced these losses. Between 1968 and 1974, the population declined until the 1974 population was less than that of 1961. The population has since shown a marked increase.

Year	*Population (000's)*[1]
1921	757
1931	922
1941	896
1951	832
1961	925
1971	926
1981	968
1985	1,020

[1] *Source — Statistics Canada.*

During the past 30 years, the proportion of older people (65 years and over) has been increasing both in Canada as a whole and in Saskatchewan.

Percentage Distribution of the Total Population

	Canada		*Saskatchewan*	
Age	*1980*	*1985*	*1980*	*1985*
0-19	32.8	29.3	34.7	32.2
20-44	38.5	41.1	34.5	37.6
45-64	19.1	19.2	19.1	17.8
65+	9.5	10.4	11.7	12.4

Males outnumber females in the population; however, the trend is toward a more equal distribution.

Percentage Distribution by Sex, Saskatchewan

Year	*Male*	*Female*	*Males per 100 Females*
1921	54.6	45.4	120
1931	54.2	45.8	119
1941	53.3	46.7	114
1951	52.2	47.8	109
1961	51.8	48.2	108
1971	50.8	49.2	103
1981	50.2	49.8	101
1985	50.1	49.9	101

Births

During the 1920's and 1930's the birth rate was characterized by a declining trend and reached a record low in the late 1930's. Gradually rising during the war years, the rate turned sharply upward culminating in the peak of 1947. After a dip in the late 1940's, a steady rise occurred until a new peak was reached in 1954. The birth rate had been decreasing until it reached its new record low of 16.4 in 1973. The year 1974 indicated a slight increase with the birth rate at 16.8, and by 1985 the rate had risen to 17.8 per 1,000 population.

Live Birth Rates per 1,000 Population, Canada and Provinces, 1985[1]

	Rate
Canada	14.8
Newfoundland	14.6
Prince Edward Island	15.8
Nova Scotia	14.1
New Brunswick	14.1
Quebec	13.1
Ontario	14.6
Manitoba	16.0
Saskatchewan	17.8
Alberta	18.6
British Columbia	14.9

[1] *Source — Statistics Canada.*

Stillbirths are near an all-time low.

Stillbirth Rates per 1,000 Live Births, Canada and Provinces, 1985[1]

	Rates Weeks Gestation	
	20+	*28+*
Canada	6.3	4.3
Newfoundland	6.6	4.9
Prince Edward Island	8.9	6.9
Nova Scotia	7.0	4.4
New Brunswick	5.0	4.2
Quebec	5.4	3.8
Ontario	6.6	4.5
Manitoba	6.6	4.5
Saskatchewan	6.1	3.8
Alberta	5.8	4.1
British Columbia	7.7	4.8

[1] *Source — Statistics Canada.*

Deaths

The current crude death rate of 7.9 per 1,000 population in Saskatchewan is higher than the 1921 crude death rate (7.4). However, the standardized (age adjusted) mortality rates show a marked improvement (5.0 in 1985) (Table 18). Since 1921, the average age of decedents has more than doubled. Saskatchewan's crude death rate is higher than that for Canada as a whole (7.9 and 7.2 respectively).

Death Rates per 1,000 Population, Canada and Provinces, 1985[1]

	Rate
Canada	7.2
Newfoundland	6.1
Prince Edward Island	8.7
Nova Scotia	8.3
New Brunswick	7.3
Quebec	6.9
Ontario	7.4
Manitoba	8.2
Saskatchewan	7.9
Alberta	5.6
British Columbia	7.4

[1] *Source — Statistics Canada.*

Growth of the older population brought prominence to those diseases which are associated with the conditions of middle and old age, namely the cardio-vascular and renal diseases, and cancer as the leading causes of death. Another leading cause of death, accidents, came into prominence as a result of reductions in mortality from infections and certain other diseases once considered fatal.

Although there have been small fluctuations in the rate of infant deaths per 1,000 live births, on the whole this rate has been decreasing steadily since the record high of 92 infant deaths per 1,000 live births in 1923.

Maternal mortality has been virtually eliminated in Saskatchewan, with just one maternal death occurring in 1984 and no maternal deaths in 1985.

Natural Increase

During 1985, the net increase exceeded the natural increase in population, indicating net immigration to the province.

Marriages

During the 1930's, the marriage rate declined. A rise occurred during World War II, followed by a declining trend until 1962. The rate had been rising since 1962 until 1977 and 1978 which again showed a declining trend. The rate for 1985 was slightly lower than in 1984 (7.0 and 7.2 respectively).

Marriage Rate per 1,000 Population, Canada and Provinces, 1985[1]

	Rate
Canada	7.3
Newfoundland	5.5
Prince Edward Island	7.5
Nova Scotia	7.7
New Brunswick	7.4
Quebec	5.6
Ontario	8.0
Manitoba	7.8
Saskatchewan	7.0
Alberta	8.4
British Columbia	7.7

[1] *Source — Statistics Canada.*

Divorces and Annulments

In 1985 there were 1,927 divorces and annulments in Saskatchewan, with a rate of 189 per 100,000 population. This was a slight decrease from the 1984 rate of 198 per 100,000 population.

Table 1. Summary of Vital Statistics, Saskatchewan, 1980-1985

Item	1980	1981	1982	1983	1984	1985
Population (1,000's)	970	968	979	993	1,006	1,020
Live births	17,057	17,209	17,722	17,847	18,014	18,162
Rate*	17.6	17.9	18.1	18.0	17.9	17.8
Deaths	7,651	7,523	8,202	7,611	7,710	8,031
Rate*	7.8	7.8	8.4	7.7	7.7	7.9
Natural increase	9,406	9,686	9,520	10,236	10,304	10,131
Rate*	9.7	10.0	9.7	10.3	10.2	9.9
Gross reproduction rate	1.031	1.035	1.072	1.052	1.028	1.007
Infant deaths	193	203	186	180	169	200
Rate†	11.3	11.8	10.5	10.1	9.4	11.0
Neonatal deaths	102	112	113	103	101	123
Rate†	6	6.5	6.4	5.8	5.6	6.8
Perinatal deaths						
Based on 20+ weeks gestation period for stillbirths	222	230	231	216	214	207
Rate††	13	13	13	12	12	11
Based on 28+ weeks gestation period for stillbirths	186	196	195	188	173	166
Rate††	11	11	11	11	10	9
Stillbirths						
20+ weeks gestation	130	137	139	126	128	111
Rate†	7.6	8.0	7.8	7.1	7.0	6.1
28+ weeks gestation	91	103	103	98	87	70
Rate†	5.3	6.0	5.8	5.5	4.8	3.8
Marriages	7,561	7,325	7,491	7,504	7,213	7,132
Rate*	7.8	7.6	7.6	7.6	7.2	7.0
Divorces and annulments	1,836	1,932	1,815	2,000	1,988	1,927
Rate**	189	199	185	202	198	189

* *Rate per 1,000 population.*
† *Rate per 1,000 live births.*
†† *Rate per 1,000 total births (live births and stillbirths).*
** *Rate per 100,000 population.*

Table 2. Natural Increase and Actual Increase, Saskatchewan, 1961-1985

Year	Population	Live births	Deaths	Natural increase		Estimated actual increase	
				Number	Rate*	Number	Rate*
1961	925,181	23,994	7,107	16,887	18.3	10,181	11.0
1962	930,000	23,341	7,004	16,337	17.6	4,819	5.2
1963	933,000	23,543	7,441	16,102	17.2	3,000	3.2
1964	942,000	22,682	7,373	15,309	16.3	9,000	9.6
1965	950,000	20,494	7,417	13,077	13.8	8,000	8.4
1966	955,344	19,037	7,427	11,610	12.2	5,344	5.6
1967	957,000	17,993	7,441	10,552	11.0	1,656	1.7
1968	960,000	18,197	7,498	10,699	11.1	3,000	3.1
1969	958,000	17,592	7,492	10,100	10.5	−2,000	−2.1
1970	941,000	16,443	7,472	8,971	9.5	−17,000	−18.1
1971	926,242	16,054	7,413	8,641	9.3	−14,758	−15.9
1972	914,000	15,473	7,590	7,883	8.6	−12,242	−13.4
1973	904,500	14,806	7,646	7,160	7.9	−9,500	−10.5
1974	899,700	15,118	7,814	7,304	8.1	−4,800	−5.3
1975	907,400	15,265	7,672	7,593	8.4	7,700	8.5
1976	921,325	15,969	7,809	8,160	8.9	13,925	15.1
1977	937,000	16,547	7,593	8,954	9.6	15,675	16.7
1978	948,400	16,551	7,749	8,802	9.3	11,400	12.0
1979	959,000	16,944	7,369	9,575	10.0	10,600	11.0
1980	970,100	17,057	7,651	9,406	9.7	11,100	11.4
1981	968,310	17,209	7,523	9,686	10.0	−1,790	−1.8
1982	979,100	17,722	8,202	9,520	9.7	10,790	11.0
1983	992,700	17,847	7,611	10,236	10.3	13,600	13.7
1984	1,006,200	18,014	7,710	10,304	10.2	13,500	13.4
1985	1,019,500	18,162	8,031	10,131	9.9	13,300	13.0

* *Rate per 1,000 population.*

Table 3. Live Births and Deaths by Place of Occurrence and Place of Residence, Saskatchewan, 1985*

Item	Live births	Deaths
OCCURRING IN SASKATCHEWAN	**18,223**	**8,007**
Saskatchewan residents	17,810	7,880
Non-residents	413	127
– Canadian residents	404	118
– United States residents	7	7
– Other	2	2
OCCURRING TO SASKATCHEWAN RESIDENTS	**18,162**	**8,031**
In Saskatchewan	17,810	7,880
Elsewhere	352	151
– In Canada	350	145
– In United States	2	6

* *Source – Statistics Canada.*

Table 4. Population of Saskatchewan by Age Groups and Sex, 1983-1985*

Age group	1983		1984		1985	
	Number	Per cent	Number	Per cent	Number	Per cent
	Both sexes					
All ages	992,700	100.0	1,006,200	100.0	1,019,500	100.0
0-4	83,800	8.4	84,300	8.4	85,300	8.4
5-9	78,900	7.9	80,700	8.0	82,200	8.1
10-14	79,600	8.0	79,200	7.9	79,400	7.8
15-19	88,200	8.9	84,500	8.4	81,200	8.0
20-24	92,300	9.3	95,900	9.5	96,800	9.5
25-29	86,700	8.7	88,900	8.8	90,600	8.9
30-34	72,200	7.3	76,000	7.6	79,900	7.8
35-39	58,300	5.9	61,800	6.1	65,600	6.4
40-44	47,500	4.9	48,900	4.9	50,700	5.0
45-49	44,600	4.5	44,600	4.4	44,800	4.4
50-54	46,500	4.7	46,000	4.6	45,400	4.5
55-59	46,900	4.7	46,300	4.6	46,100	4.5
60-64	44,900	4.5	45,300	4.5	45,000	4.4
65-69	40,600	4.1	40,100	4.0	40,500	4.0
70-74	32,300	3.3	33,200	3.3	34,400	3.4
75-79	23,200	2.3	23,700	2.4	24,300	2.4
80-84	14,300	1.4	14,900	1.5	15,400	1.5
85-89	7,500	0.8	7,500	0.7	7,700	0.7
90+	4,400	0.4	4,600	0.5	4,600	0.4
	Male					
All Ages	497,100	100.0	503,800	100.0	510,200	100.0
0-4	43,100	8.7	43,400	8.6	43,700	8.6
5-9	40,200	8.1	41,200	8.2	42,000	8.2
10-14	40,800	8.2	40,500	8.0	40,600	8.0
15-19	45,200	9.1	43,400	8.6	41,700	8.2
20-24	46,300	9.3	48,400	9.6	49,100	9.6
25-29	43,800	8.8	44,800	8.9	45,600	8.9
30-34	36,900	7.4	38,900	7.7	40,800	8.0
35-39	29,700	6.0	31,500	6.3	33,300	6.5
40-44	24,000	4.8	24,700	4.9	25,700	5.0
45-49	22,500	4.5	22,500	4.5	22,600	4.4
50-54	23,500	4.7	23,100	4.6	22,900	4.5
55-59	23,200	4.7	22,900	4.6	22,900	4.5
60-64	21,800	4.4	22,000	4.4	21,900	4.3
65-69	19,400	3.9	19,000	3.8	19,100	3.7
70-74	15,200	3.1	15,400	3.1	15,900	3.1
75-79	10,600	2.1	10,800	2.1	11,100	2.2
80-84	6,400	1.3	6,700	1.3	6,700	1.3
85-89	2,900	0.6	2,800	0.6	3,000	0.6
90+	1,600	0.3	1,600	0.3	1,600	0.3

Table 4. Population of Saskatchewan by Age Groups and Sex, 1983-1985* (Continued)

Age group	1983		1984		1985	
	Number	Per cent	Number	Per cent	Number	Per cent
	Female					
All ages	495,600	100.0	502,400	100.0	509,300	100.0
0-4	40,700	8.2	41,000	8.2	41,600	8.2
5-9	38,700	7.8	39,400	7.8	40,200	7.9
10-14	38,800	7.8	38,700	7.7	38,800	7.6
15-19	43,000	8.7	41,000	8.2	39,500	7.8
20-24	45,900	9.3	47,500	9.5	47,700	9.4
25-29	42,900	8.7	44,100	8.8	45,000	8.8
30-34	35,300	7.1	37,100	7.4	39,100	7.7
35-39	28,600	5.8	30,300	6.0	32,200	6.3
40-44	23,500	4.7	24,200	4.8	24,900	4.9
45-49	22,100	4.5	22,100	4.4	22,200	4.4
50-54	23,000	4.6	22,900	4.6	22,500	4.4
55-59	23,700	4.8	23,400	4.7	23,200	4.6
60-64	23,100	4.7	23,300	4.6	23,100	4.5
65-69	21,200	4.3	21,100	4.2	21,400	4.2
70-74	17,100	3.5	17,800	3.5	18,500	3.6
75-79	12,600	2.4	12,900	2.6	13,200	2.6
80-84	7,900	1.6	8,200	1.6	8,700	1.7
85-89	4,600	0.9	4,600	0.9	4,700	0.9
90+	2,800	0.6	2,900	0.6	3,000	0.6

* *Columns may not add to totals due to rounding error.*

Source — 1983, 1984 and 1985: Statistics Canada Postcensal Population Estimates. Publication No. 91-202 and 91-210

Table 5. Summary of Population and Vital Statistics for Incorporated Urban Places of 1,000 Population and Over, Saskatchewan, 1985

Place of residence	Population*	Live births	Deaths	Infant deaths	Neonatal deaths	Stillbirths	Perinatal deaths	Marriages
Total for Province	968,310	18,162	8,031	200	123	111	207	7,132
Cities	462,093	9,333	3,854	110	73	49	104	4,574
Estevan	9,174	200	62	5	4	–	3	106
Lloydminster (Sask.)	6,034	203	46	4	4	2	4	60
Melfort	6,010	123	84	–	–	–	–	61
Melville	5,092	85	79	–	–	–	–	34
Moose Jaw	33,941	577	391	8	6	6	10	310
North Battleford	14,030	271	161	5	4	2	6	139
Prince Albert	31,380	650	274	7	5	6	9	330
Regina	162,613	3,246	1,170	41	25	8	27	1,418
Saskatoon	154,210	3,267	1,116	31	18	20	33	1,685
Swift Current	14,747	254	168	3	2	1	3	170
Weyburn	9,523	155	117	5	5	–	5	92
Yorkton	15,339	302	186	1	–	4	4	169
Towns	110,321	2,158	1,523	21	15	17	30	1,041
Assiniboia	2,924	37	58	1	1	–	1	27
Battleford	3,565	68	57	3	1	1	2	35
Biggar	2,561	55	36	1	1	–	1	21
Canora	2,667	35	61	–	–	–	–	13
Carlyle	1,074	35	18	1	1	–	1	6
Carnduff	1,043	13	21	–	–	–	–	9
Carrot River	1,169	23	22	–	–	–	–	23
Coronach	1,032	34	6	1	1	–	1	4
Creighton	1,636	23	7	–	–	–	–	–
Dalmeny	1,064	36	8	–	–	–	–	5
Davidson	1,166	27	19	1	1	–	1	19
Esterhazy	3,065	72	28	–	–	1	1	25
Eston	1,413	29	15	–	–	–	–	16
Foam Lake	1,452	13	29	–	–	–	–	8
Fort Qu'Appelle	1,827	54	28	–	–	–	–	10
Gravelbourg	1,338	20	22	–	–	–	–	14
Grenfell	1,307	25	15	–	–	–	–	14
Gull Lake	1,095	13	22	–	–	–	–	13
Herbert	1,019	11	18	–	–	–	–	8
Hudson Bay	2,361	41	26	–	–	–	–	16
Humboldt	4,705	78	69	1	–	2	2	39
Indian Head	1,889	25	35	–	–	–	–	18
Kamsack	2,688	31	52	–	–	1	1	29
Kelvington	1,054	19	20	1	1	–	1	16
Kerrobert	1,141	28	16	1	1	–	1	14
Kindersley	3,969	127	44	–	–	3	3	63
Kipling	1,016	21	16	–	–	–	–	11
La Ronge	2,579	116	17	1	1	–	–	20
Langenburg	1,324	31	20	–	–	–	–	22
Langham	1,151	29	15	–	–	–	–	4
Lanigan	1,732	35	10	1	1	–	1	12
Leader	1,108	17	11	1	–	–	–	16
Lumsden	1,303	26	4	–	–	–	–	14
Maidstone	1,001	17	23	–	–	1	1	14
Maple Creek	2,470	46	39	–	–	1	1	27
Martensville	1,966	77	6	2	1	–	1	6
Meadow Lake	3,857	116	47	–	–	–	–	48
Moosomin	2,579	33	40	–	–	–	–	22

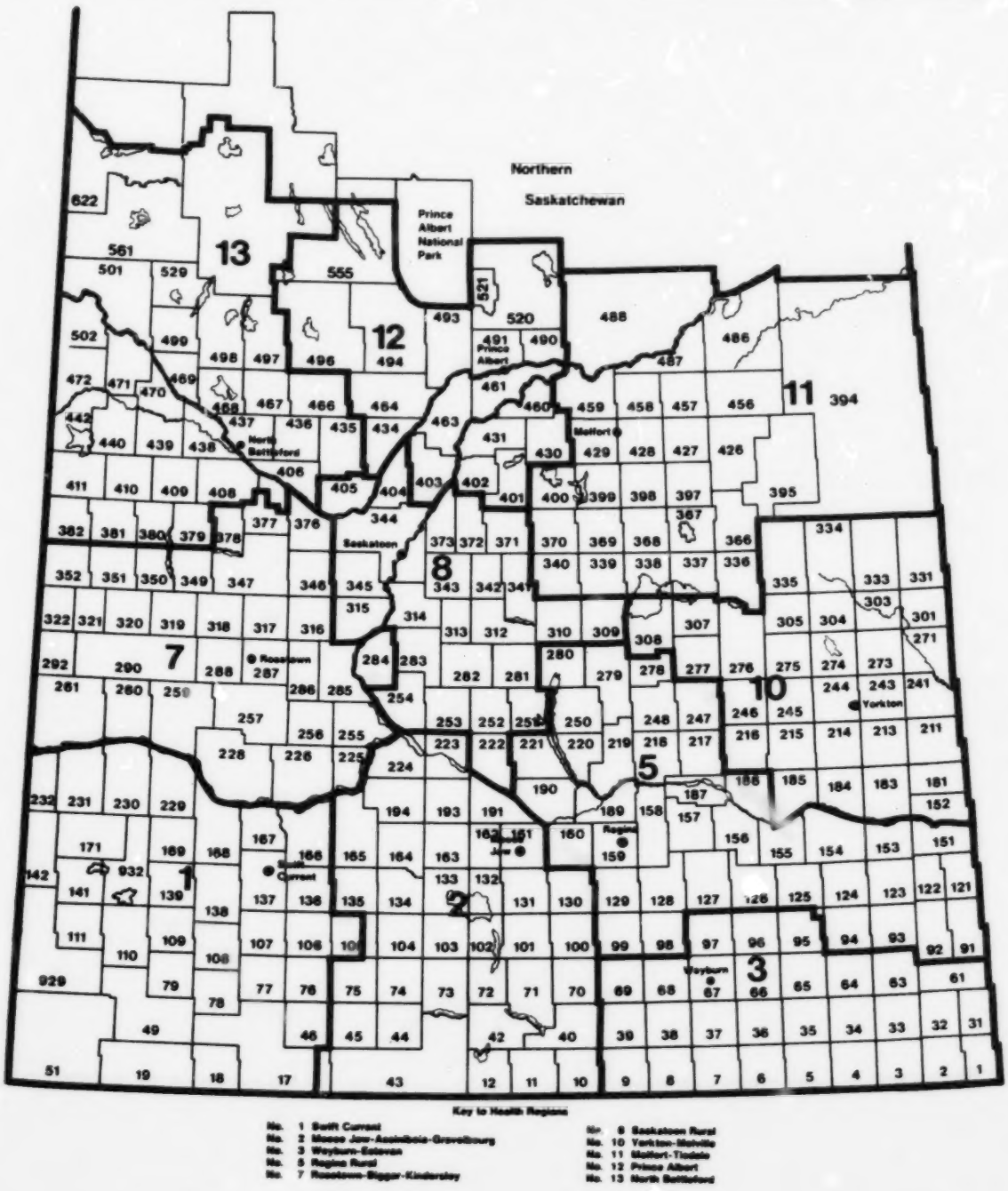
Table 5. Summary of Population and Vital Statistics for Incorporated Urban Places of 1,000 Population and Over, Saskatchewan, 1985 (Continued)

Place of residence	Population*	Live births	Deaths	Infant deaths	Neonatal deaths	Stillbirths	Perinatal deaths	Marriages
Nipawin	4,376	77	79	2	1	1	2	54
Outlook	1,976	34	36	—	—	—	—	21
Oxbow	1,191	18	7	—	—	—	—	10
Pilot Butte	1,255	28	2	—	—	—	—	2
Preeceville	1,243	17	29	—	—	1	1	13
Radville	1,012	20	14	—	—	1	1	7
Rosetown	2,664	43	44	1	1	1	1	29
Rosthern	1,609	21	20	—	—	—	—	17
Shaunavon	2,112	29	38	—	—	—	—	24
Shellbrook	1,228	21	18	1	1	—	1	13
Tisdale	3,107	46	41	—	—	—	—	50
Unity	2,408	49	37	—	—	—	—	21
Uranium City	2,748	10	—	—	—	—	—	2
Wadena	1,495	28	31	—	—	—	—	13
Wakaw	1,030	21	22	—	—	1	1	6
Warman	2,076	52	18	—	—	1	1	9
Watrous	1,830	35	22	1	1	—	1	21
Whitewood	1,003	17	14	—	—	—	—	11
Wilkie	1,501	35	22	—	—	—	—	13
Wynyard	2,147	21	27	—	—	1	1	24

* *Population at the time of the 1981 census.*

Health Regions

Figure 1. Health Region Map



Since Saskatchewan has no fixed political divisions corresponding to the counties of eastern Canada, census divisions have been used in the past for the presentation of statistical data for areas smaller than the province. These were designed to permit future subdivisions, if necessitated by population increases, without destroying comparability of information collected by earlier census counts.

In the meantime, certain demographic, economic and social patterns had begun to emerge in the province. For general public health purposes, vital statistics must be presented in a form which can be related to these patterns. With this in mind, commencing in 1954, the tabulations of vital statistics by health statistical areas was undertaken, in close collaboration with the Dominion Bureau of Statistics. These areas represented territorial divisions of the province, each one of which is served by one or two dominant urban centres. As of 1974, vital statistics are presented by Health Regions. The cities of Regina and Saskatoon, with their own health departments, and *Northern Saskatchewan* form separate reporting areas.

The presentation of data on births, deaths and marriages according to health regions enables medical health officers, and others engaged in administrative or epidemiological tasks, to relate these and all other relevant data in a meaningful way.

Births by Health Region

Birth rates for health regions in 1985 ranged from a high 31.0 per 1,000 population in the sparsely populated *Northern Saskatchewan* area to a low 13.7 in the Yorkton-Melville region. The Northern areas (North Battleford, Prince Albert and the *Northern Health Services*) and the largest cities (Regina and Saskatoon) have shown consistently high birth rates over the years with *Northern Saskatchewan* being the highest.

These high birth rates coupled with relatively low death rates have given the northern areas and the largest cities, rates of natural increase higher than other areas in the province.

Deaths by Health Region

In 1985, the Yorkton-Melville region had the highest death rate (10.3 per 1,000 population). *Northern Saskatchewan* had the lowest rate (5.2 per 1,000 population). Deaths and rates by health regions are found in Table 7, page 22.

Table 6. Population of Health Regions, Saskatchewan, 1985

Health Regions	Population
Total for Province	**1,039,249**
No. 1 Swift Current	49,079
No. 2 Moose Jaw-Assiniboia-Gravelbourg	70,057
No. 3 Weyburn-Estevan	52,280
No. 5 Regina Rural	75,506
No. 7 Rosetown-Biggar-Kindersley	42,363
No. 8 Saskatoon Rural	49,504
No. 10 Yorkton-Melville	82,262
No. 11 Melfort-Tisdale	74,831
No. 12 Prince Albert	80,936
No. 13 North Battleford	82,852
Regina City	175,159
Saskatoon City	175,859
Northern Saskatchewan	28,561

Source: SHSP Covered Population

Table 7. Summary of Vital Statistics for Health Regions, Saskatchewan Residents, 1985

Health regions	Live births		Deaths		Natural increase		Marriages	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
Total for province	18,162	17.5	8,031	7.7	10,131	9.7	7,132	6.9
No. 1 Swift Current	749	15.3	403	8.2	346	7.0	336	6.8
No. 2 Moose Jaw-Assiniboia-Gravelbourg	1,142	16.3	679	9.7	463	6.6	467	6.7
No. 3 Weyburn-Estevan	775	14.8	419	8.0	356	6.8	316	6.0
No. 5 Regina Rural	1,054	14.0	623	8.3	431	5.7	344	4.6
No. 7 Rosetown-Biggar-Kindersley	805	19.0	348	8.2	457	10.8	259	6.1
No. 8 Saskatoon Rural	911	18.4	270	5.5	641	12.9	191	3.9
No. 10 Yorkton-Melville	1,125	13.7	844	10.3	281	3.4	473	5.7
No. 11 Melfort-Tisdale	1,127	15.1	704	9.4	423	5.7	491	6.6
No. 12 Prince Albert	1,368	16.9	634	7.8	734	9.1	547	6.8
No. 13 North Battleford	1,709	20.6	673	8.1	1,036	12.5	512	6.2
City of Regina	3,246	18.5	1,170	6.7	2,076	11.9	1,418	8.1
City of Saskatoon	3,267	18.6	1,116	6.3	2,151	12.2	1,685	9.6
Northern Saskatchewan	884	31.0	148	5.2	736	25.8	93	3.3

Health regions	Infant deaths		Neonatal deaths		Stillbirths**		Perinatal deaths**	
	Number	Rate†	Number	Rate†	Number	Rate†	Number	Rate††
Total for province	200	11.0	123	6.8	111	6.1	207	11.3
No. 1 Swift Current	4	5.3	2	2.7	2	2.7	4	5.3
No. 2 Moose Jaw-Assiniboia-Gravelbourg	15	13.1	13	11.4	10	8.8	19	16.5
No. 3 Weyburn-Estevan	13	16.8	12	15.5	4	5.2	15	19.3
No. 5 Regina Rural	10	9.5	7	6.6	5	4.7	12	11.3
No. 7 Rosetown-Biggar-Kindersley	4	5.0	3	3.7	6	7.5	8	9.9
No. 8 Saskatoon Rural	10	11.0	7	7.7	2	2.2	9	9.9
No. 10 Yorkton-Melville	5	4.4	1	0.9	11	9.8	12	10.6
No. 11 Melfort-Tisdale	9	8.0	4	3.5	7	6.2	10	8.8
No. 12 Prince Albert	14	10.2	8	5.8	14	10.2	19	13.7
No. 13 North Battleford	19	11.1	13	7.6	14	8.2	24	13.9
City of Regina	41	12.6	25	7.7	8	2.5	27	8.3
City of Saskatoon	31	9.5	18	5.5	20	6.1	33	10.0
Northern Saskatchewan	25	28.3	10	11.3	8	9.0	15	16.8

* *Rate per 1,000 live population — Saskatchewan Hospital Services Plan Covered Population*
† *Rate per 1,000 live births.*
** *Based on 20+ weeks gestation.*
†† *Rate per 1,000 total births.*

Table 8. Selected Leading Causes of Death by Residence, Saskatchewan, 1985

Place of residence	Cause of death								
	All deaths	Heart diseases (A128-A148)	Malignant neoplasms (A37-A86)	Cerebro-vascular disease (A149-A155)	Accidents (AE234-AE263)	Pneumonia (A163-A167)	Certain causes of perinatal mortality (A229-A231)	Suicide and self-inflicted injury (A264-A270)	Other
Total for province	8,031	2,614	1,946	630	483	345	88	133	1,792
Cities* (with more than 5,000 population)	3,854	1,235	914	327	170	192	52	65	899
Estevan (3)	62	22	17	2	2	3	2	1	13
Melfort (11)	84	23	15	9	7	9	–	–	21
Melville (10)	79	21	27	5	1	2	–	1	22
Moose Jaw (2)	391	136	92	21	10	17	5	9	101
North Battleford (13)	161	50	43	13	7	5	3	2	38
Prince Albert (12)	274	96	59	22	17	10	2	3	65
Regina	1,170	372	288	104	53	61	21	18	253
Saskatoon	1,116	335	261	88	61	62	9	24	276
Swift Current (1)	168	55	28	23	4	14	1	3	40
Weyburn (3)	117	33	25	17	5	3	5	1	28
Yorkton (10)	186	81	51	20	–	6	–	3	25
Lloydminster (Sask.) (13)	46	11	8	3	3	–	4	–	17
Health regions (excluding cities)	4,177	1,379	1,032	303	313	153	36	68	893
No. 1 Swift Current	235	85	51	14	20	13	1	5	46
No. 2 Moose Jaw-Assiniboia-Gravelbourg	288	97	72	21	20	12	6	4	56
No. 3 Weyburn-Estevan	240	83	62	18	19	9	3	–	46
No. 5 Regina Rural	623	194	169	41	34	19	5	15	146
No. 7 Rosetown-Biggar-Kindersley	348	132	83	23	23	13	3	3	68
No. 8 Saskatoon Rural	270	101	60	15	26	10	6	5	47
No. 10 Yorkton-Melville	579	206	157	48	29	17	1	11	110
No. 11 Melfort-Tisdale	620	191	169	54	33	20	2	7	144
No. 12 Prince Albert	360	124	84	27	32	20	1	4	68
No. 13 North Battleford	466	148	101	36	45	15	3	9	109
Northern Saskatchewan	148	18	24	6	32	5	5	5	53

* *Health region number is given in parenthesis.*

Births

Birth Rate

There were 18,162 live births to Saskatchewan residents in 1985, resulting in a birth rate of 17.8 per 1,000 population.

Multiple Births

Multiple births in 1985 included 184 sets of twins and 3 sets of triplets. Two sets of twins included one stillborn infant and one set of twins were both stillborn. All of the triplets were liveborn.

Births in Hospitals

In 1985, 49 births did not occur in hospital.

Births by Sex

Continuing a long-term trend, there were more male live births than female live births in 1985, numbering 9,423 and 8,739 respectively, a ratio of 1,078 male to 1,000 female live births.

Male Live Births per 1,000 Female Live Births	
1976	1,044
1977	1,055
1978	1,053
1979	1,052
1980	1,080
1981	1,070
1982	1,024
1983	1,027
1984	1,047
1985	1,078

Births Occurring to Single Mothers

There was an increase in the number of babies born to single mothers in 1985, numbering 3,756 compared to 3,550 in 1984. The single parent live births increased to 20.7 per cent of all births.

The average age of unmarried mothers was lower (21.9) than that of married mothers (26.6).

Stillbirths

The minimum gestational period for compulsory registration of foetal deaths was lowered from 23 weeks to 20 weeks in 1961 due to a change in the definition of stillbirth. Using this definition, there were 111 stillbirths in the province in 1985, giving a rate of 6.1 per 1,000 live births. Stillbirths occurred most frequently in the gestation periods of 20-27, 33-37 and 38-40 weeks. Males accounted for 44.1 per cent of total stillbirths. The average age of mothers bearing stillborn children was 25.8 years. The average age of mothers whose children were liveborn was 25.6 years.

Fertility Rates

The crude birth rate, i.e. the rate per 1,000 total population, is an inadequate measure of the rate at which the population is replacing itself because it is so much affected by changes in the age and sex composition of the population.

Almost all children born each year are to women between the ages of 15 and 49 — with very small numbers above and below these ages. Variations in the proportion of women of these ages to the total population will cause variations in the crude birth rates of different countries or even regions within a country or a province, even though the actual rates of reproduction or fertility of the women in those age groups are identical. It is therefore conventional to calculate an age specific fertility rate, i.e. an individual birth rate per 1,000 women in each of these reproductive age periods. The sum of these rates multiplied by five represents the "total fertility", that is, the number of births which 1,000 women would have throughout their lifetime, assuming no mortality, if they experienced at each age the fertility in effect during the period concerned.

From this in turn can be calculated a gross reproduction rate, which for a given year represents the average number of female infants that would be born to each woman who lived to reach the age of 50 if the fertility rates of a given year remained unchanged. When the gross reproduction rate falls below one, the women in the reproductive period of life are not having enough children to replace themselves, even if all their children lived to maturity.

Age Specific Fertility Rates, Saskatchewan, 1985

Age groups	*Rate per 1,000*
15-19	46.8
20-24	122.9
25-29	147.8
30-34	77.7
35-39	20.7
40-44	2.7
45-49	0.2
Total Fertility	2.094
Gross Reproduction Rate	1.007

Age of Parents

The average age of parents is determined by the interaction of several factors, the most important of which are age at marriage, the length of time between marriage and the arrival of the first child, and the spacing of additional children during the mother's reproductive period.

In 1985, the average age of fathers was 28.9 years, of married mothers 26.6 years, and of unmarried mothers 21.9 years.

Birth Order

Thirty-six per cent of all live births were first children and 62 per cent of the mothers of these first-born were under 25 years of age. 9.1 per cent of first-born infants were to mothers over 30 years of age. First, second, and third children made up 88 per cent of total births, and 46.5 per cent of these mothers were under 25 years of age. Average age of mothers for first-born infants for 1985 was 23.3 years.

Birth Weight

Birth weight information provides the number of immaturely-developed live deliveries, those which are exposed to a greater risk of death than a "mature" infant. The recommendations of the World Health Organization specify that infants of 2500 grams or less at birth (approximately 5 pounds, 8 ounces) be considered "immature".

The average weight of all infants born in 1985 was 3410.5 grams. There is a direct relationship between the age of mother and birth weight. The proportion of "immature" births by age of mother reveals that a mother has a greater chance of delivering an "immature" foetus at less than 20 years or over 40 years of age than at any other age in the reproductive period. This data is illustrated on page 28, table no. 13.

There is also a relationship between the weight of the foetus and period of gestation. Of the 3.6 per cent of children born in 1985 at less than 36 weeks gestation, 74.4 per cent were "immature". Of those born in the period of 36 to 39 weeks, 6.8 per cent were classified as "immature" and of those born after 40 weeks gestation only 1.0 per cent weighed 2500 grams or less. This data is illustrated on page 29, table no. 14.

Table 9. Stillbirths by Sex and Period of Gestation, Saskatchewan, 1985

Period of gestation (weeks)	Number			Per cent distribution		
	Total	Male	Female	Total	Male	Female
Total	111	49	62	100.0	44.1	55.9
20-27	41	21	20	36.9	51.2	48.8
28-32	20	11	9	18.0	55.0	45.0
33-37	21	7	14	18.9	33.3	66.7
38-40	23	9	14	20.7	39.1	60.9
41+	6	1	5	5.4	16.7	83.3

Table 10. Live Births and Stillbirths by Age of Mother, Saskatchewan, 1985*

Age group	All births		Type of birth			
			Live births		Stillbirths	
	Number	Per cent	Number	Per cent	Number	Per cent
Total	18,273	100.0	18,162	100.0	111	100.0
Under 20	1,890	10.3	1,875	10.3	15	13.5
20-24	5,896	32.3	5,861	32.3	35	31.5
25-29	6,683	36.6	6,649	36.6	34	30.6
30-34	3,058	16.7	3,039	16.7	19	17.1
35-39	673	3.7	667	3.7	6	5.4
40-44	68	0.4	66	0.4	2	1.8
45-49	5	**	5	**	—	—
Average age		25.6		25.6		25.8
Median age		25.0		25.0		26.0

* *This table shows the number of births and stillbirths occuring to mothers in these age groups, and not the actual number of mothers in each group, as not all births were single births.*

** *Less than 0.1 per cent.*

Table 11. Live Births by Age of Parent, Saskatchewan, 1985*

Age group	Fathers		Married mothers		Unmarried mothers	
	Number	Per cent	Number	Per cent	Number	Per cent
Total	18,162	100.0	14,199	100.0	3,963	100.0
Under 20	2,733	15.0	446	3.1	1,429	36.1
20-24	2,900	16.0	4,316	30.4	1,545	39.0
25-29	6,197	34.1	5,970	42.0	679	17.1
30-34	4,236	23.3	2,799	19.7	240	6.1
35-39	1,497	8.2	606	4.3	61	1.5
40-44	422	2.3	58	0.4	8	0.2
45-49	119	0.7	4	**	1	**
50†	58	0.3	—	—	—	—
Average age†		28.9		26.6		21.9
Median age†		28.0		26.0		21.0

* *This table shows the number of live births occuring to parents in these age groups, and not the actual number of parents in each age group, as not all births were single births.*

† *Average and median ages were calculated using single year age groups.*

** *Less than 0.05 per cent.*

Table 12. Live Births by Age of Mother and Order of Birth, Saskatchewan, 1985

Order of birth	Age of mother									
	Total	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Not stated
Total	18,162	27	1,848	5,861	6,649	3,039	667	66	5	—
1st child	6,656	26	1,425	2,649	1,947	507	98	4	—	—
2nd child	6,004	1	361	2,083	2,451	953	138	16	1	—
3rd child	3,300	—	54	825	1,392	861	155	13	—	—
4th child	1,334	—	6	213	566	420	118	11	—	—
5th child	464	—	2	65	174	158	58	5	2	—
6th child	190	—	—	21	69	57	37	5	1	—
7th child	106	—	—	5	36	38	21	6	—	—
8th child	52	—	—	—	12	21	19	—	—	—
9th child	26	—	—	—	2	14	9	1	—	—
10th child	11	—	—	—	—	4	3	3	1	—
11th child	10	—	—	—	—	6	4	—	—	—
12th child	5	—	—	—	—	—	5	—	—	—
14th child	2	—	—	—	—	—	2	—	—	—
15th child	1	—	—	—	—	—	—	1	—	—
16th child	1	—	—	—	—	—	—	1	—	—
Not stated	—	—	—	—	—	—	—	—	—	—

Table 13. Live Births by Age of Mother and Birth Weight, Saskatchewan, 1985

Birth weight		Total	Age of mother							
Gram intervals	Equivalent in lbs./oz.		-20 years	20-24	25-29	30-34	35-39	40-44	45+	Not stated
Total		18,162	1,875	5,861	6,649	3,039	667	66	5	–
500 or less	1/1 or less	23	6	7	3	6	1	–	–	–
501-750	1/2-1/10	32	3	13	8	5	3	–	–	–
751-1,000	1/11-2/3	37	2	13	11	10	1	–	–	–
1,001-1,250	2/4-2/12	53	6	20	22	3	2	–	–	–
1,251-1,500	2/13-3/4	32	7	9	14	2	–	–	–	–
1,501-1,750	3/5-3/13	77	9	25	29	11	2	–	1	–
1,751-2,000	3/14-4/6	112	13	33	44	17	3	2	–	–
2,001-2,250	4/7-4/15	204	22	65	82	31	3	1	–	–
2,251-2,500	5/0-5/8	437	39	135	159	79	20	4	1	–
Total 2,500 or less	5/8 or less	1,007	107	320	372	164	35	7	2	–
2,501-2,750	5/9-6/1	885	92	300	309	138	45	1	–	–
2,751-3,000	6/2-6/9	1,670	184	604	573	258	46	5	–	–
3,001-3,250	6/10-7/2	2,918	319	976	1,060	445	107	10	1	–
3,251-3,500	7/3-7/11	3,614	359	1,212	1,323	575	131	14	–	–
3,501-3,750	7/12-8/4	3,376	369	1,034	1,265	587	110	10	1	–
3,751-4,000	8/5-8/13	2,326	233	744	850	404	84	10	1	–
4,001-4,250	8/14-9/6	1,269	120	371	476	244	55	3	–	–
4,251-4,500	9/7-9/14	674	58	183	265	137	29	2	–	–
4,501-4,750	9/15-10/7	265	18	78	99	54	15	1	–	–
4,751-5,000	10/8-11/0	106	12	28	36	21	6	3	–	–
5,001-5,250	11/1-11/9	34	3	7	15	7	2	–	–	–
5,251-5,500	11/10-12/2	14	1	3	4	4	2	–	–	–
5,501-5,750	12/3-12/10	2	–	1	1	–	–	–	–	–
5,751-6,000	12/11-13/3	2	–	–	1	1	–	–	–	–
Total 2,501+	over 5/8	17,155	1,768	5,541	6,277	2,875	632	59	3	–
Not stated		–	–	–	–	–	–	–	–	–
Per cent of total		100.0	10.3	32.3	36.6	16.7	3.7	0.4	*	–
Per cent 2,500 grams or less		5.5	5.7	5.5	5.6	5.4	5.2	10.6	40.0	–
Average weight (grams)		3,410.5	3,384.1	3,383.1	3,421.7	3,449.4	3,438.8	3,429.8	2,893.8	–
Median weight (grams)		3,430.0	3,430.0	3,402.0	3,440.0	3,475.0	3,450.0	3,444.0	3,118.0	–

* *Less than 0.05 per cent.*

Table 14. Live Births by Period of Gestation and Birth Weight, Saskatchewan, 1985

Birth weight			Period of gestation							
Gram intervals	Equivalent in lbs./oz	Total	-20 weeks	20-23	24-27	28-31	32-35	36-39	40+	Not stated
Total		18,162	4	23	65	109	459	5,946	11,556	–
500 or less	1/1 or less	23	4	13	3	1	2	–	–	–
501-750	1/2-1/10	32	–	8	23	1	–	–	–	–
751-1,000	1/11-2/3	37	–	1	23	9	4	–	–	–
1,001-1,250	2/4-2/12	53	–	–	15	29	8	1	–	–
1,251-1,500	2/13-3/4	32	–	1	1	22	5	3	–	–
1,501-1,750	3/5-3/13	77	–	–	–	29	31	16	1	–
1,751-2,000	3/14-4/6	112	–	–	–	13	59	36	4	–
2,001-2,250	4/7-4/15	204	–	–	–	2	95	85	22	–
2,251-2,500	5/0-5/8	437	–	–	–	1	88	262	86	–
Total 2,500 or less	5/8 or less	1,007	4	23	65	107	292	403	113	–
2,501-2,750	5/9-6/1	885	–	–	–	–	68	523	294	–
2,751-3,000	6/2-6/9	1,670	–	–	–	–	39	874	757	–
3,001-3,250	6/10-7/2	2,918	–	–	–	–	21	1,213	1,684	–
3,251-3,500	7/3-7/11	3,614	–	–	–	1	21	1,193	2,399	–
3,501-3,750	7/12-8/4	3,376	–	–	–	1	11	897	2,467	–
3,751-4,000	8/5-8/13	2,326	–	–	–	–	4	481	1,841	–
4,001-4,250	8/14-9/6	1,269	–	–	–	–	1	212	1,056	–
4,251-4,500	9/7-9/14	674	–	–	–	–	1	99	574	–
4,501-4,750	9/15-10/7	265	–	–	–	–	1	36	228	–
4,751-5,000	10/8-11/0	106	–	–	–	–	–	11	95	–
5,001-5,250	11/1-11/9	34	–	–	–	–	–	2	32	–
5,251-5,500	11/10-12/2	14	–	–	–	–	–	2	12	–
5,501-5,750	12/3-12/10	2	–	–	–	–	–	–	2	–
5,751-6,000	12/11-13/3	2	–	–	–	–	–	–	2	–
Total 2,501+	over 5/8	17,155	–	–	–	2	167	5,543	11,443	–
Not stated		–	–	–	–	–	–	–	–	–
Per cent of total		100.0	*	0.1	0.4	0.6	2.5	32.7	63.6	–
Per cent 2,500 grams or less		5.5	100.0	100.0	100.0	98.2	63.6	6.8	1.0	–
Average weight (grams)		3,410.5	213.8	541.0	846.8	1,441.9	2,374.4	3,245.7	3,576.3	–
Median weight (grams)		3,430.0	217.5	490.0	850.0	1,445.0	2,350.0	3,240.0	3,550.0	–

* *Less than 0.05 per cent*

Table 15. Live Births by Marital Status and Birth Weight for Mothers Under 20, Saskatchewan, 1985

Gram Intervals	Marital Status				
	Single	Married	Divorced	Not Stated	Total
Total	**1,429**	**446**	**–**	**–**	**1,875**
500 or less	6	–	–	–	6
501 - 750	3	–	–	–	3
751 - 1,000	2	–	–	–	2
1,001 - 1,250	4	2	–	–	6
1,251 - 1,500	6	1	–	–	7
1,501 - 1,750	7	2	–	–	9
1,751 - 2,000	10	3	–	–	13
2,001 - 2,250	19	3	–	–	22
2,251 - 2,500	32	7	–	–	39
Total 2,500 or less	**89**	**18**	**–**	**–**	**107**
2,501 - 2,750	69	23	–	–	92
2,751 - 3,000	152	32	–	–	184
3,001 - 3,250	240	79	–	–	319
3,251 - 3,500	280	79	–	–	359
3,501 - 3,750	291	78	–	–	369
3,751 - 4,000	162	71	–	–	233
4,001 - 4,250	84	36	–	–	120
4,251 - 4,500	38	20	–	–	58
4,501 - 4,750	12	6	–	–	18
4,751 - 5,000	12	4	–	–	16
Not Stated	–	–	–	–	–

Table 16. Live Births by Marital Status and Gestation for Mothers Under 20, Saskatchewan, 1985

Gestation	Marital Status				
	Single	Married	Divorced	Not Stated	Total
20 weeks	1	–	–	–	1
21 weeks	2	–	–	–	2
22 weeks	–	–	–	–	–
23 weeks	1	–	–	–	1
24 weeks	2	–	–	–	2
25 weeks	2	–	–	–	2
26 weeks	2	–	–	–	2
27 weeks	3	1	–	–	4
28 weeks	–	1	–	–	1
29 weeks	2	–	–	–	2
30 weeks	1	1	–	–	2
31 weeks	7	2	–	–	9
32 weeks	12	–	–	–	12
33 weeks	11	3	–	–	14
34 weeks	14	1	–	–	15
35 weeks	15	4	–	–	19
36 weeks	31	9	–	–	40
37 weeks	50	14	–	–	64
38 weeks	143	37	–	–	180
39 weeks	226	68	–	–	294
40 weeks	611	190	–	–	801
Over 40 weeks	293	115	–	–	408
Total	**1,429**	**446**	**–**	**–**	**1,875**

Mortality

In 1985 death claimed 8,031 Saskatchewan residents constituting a crude death rate of 7.9 per 1,000 population.

Deaths by occurrence within the province amounted to 8,007. Of this total, 7,880 decedents were residents of Saskatchewan and 127 were non-residents. Deaths of Saskatchewan residents occurring outside the province numbered 151.

Age-Sex Mortality

Age specific death rates generally form the following pattern. Beginning with a high rate for infants, the rate drops to a minimum at the 5 to 14 age group then rises in each subsequent age group.

As in past years, the male death rate (9.0 per 1,000 population) exceeded the female rate (6.7 per 1,000 population) in 1985 (based on Statistics Canada population estimates). The difference in mortality rates between the sexes is more pronounced with the advancement of age.

In 1985, 2.7 per cent of all male deaths occurred in the under 5 age group, 26.2 per cent in the 5 to 64 age groups and 71.1 per cent in the 65 and over age group. Of female deaths, 3.2 per cent occurred in the under 5 age group, 18.2 per cent between the ages of 5 and 64, and 78.6 per cent in the 65 and over group.

Table 17. Age Specific Death Rates (per 1,000 Population), Saskatchewan, 1975-1985*

Year	All ages	Age group					
		Under 5	5-14	15-24	25-44	45-64	65+
1975	8.5	4.6	0.4	1.4	1.7	7.5	53.0
1976	8.5	3.8	0.4	1.4	1.8	8.0	52.5
1977	8.1	4.0	0.4	1.6	1.6	7.0	50.3
1978	8.2	3.9	0.5	1.3	1.6	7.3	50.2
1979	7.7	3.2	0.4	1.4	1.6	7.1	46.3
1980	7.8	2.9	0.3	1.2	1.4	7.1	47.8
1981	7.8	3.1	0.4	1.2	1.4	7.1	46.1
1982	8.4	2.6	0.3	1.3	1.3	7.7	50.0
1983	7.7	2.5	0.3	1.1	1.3	6.6	45.7
1984	7.7	2.5	0.2	0.9	1.3	6.8	46.0
1985	7.9	2.7	0.3	1.0	1.2	7.0	47.0

* *Rates were calculated using Statistics Canada population estimates.*

Standardized (Age Adjusted) Death Rates

Analysis of mortality based on comparisons of crude death rates may prove to be unsatisfactory due to changes in the age composition of the population. A larger older population increases the risk of death, which will be reflected in the crude death rate. This factor may be corrected by determining what the mortality rate would have been had the age composition of the population remained constant over a series of years. Mortality rates are thus "standardized" to an arbitrary standard population, usually to the population in one particular year. The rates in Table 18 are standardized to the 1956 Saskatchewan census population.

Comparing the 1985 Saskatchewan crude death rate of 7.9 to the 1921 death rate of 7.4, there seems to be a deterioration. However, by "standardizing" (i.e. assuming that the age distribution of the population both in 1921 and 1985 was the same as in 1956), the results show a marked improvement since 1921, the standardized death rates being 10.4 in that year and 5.0 in 1985.

Since 1921 the standardized death rate has been decreasing for both sexes. Female rates have decreased more rapidly, however, and over the years the gap between male and female rates has widened. In 1921, the standardized death rate for males was 10.5 per 1,000 population and for females 10.3. The 1985 figures are 6.3 per 1,000 population for males, and 3.9 for females.

Deaths in Hospitals

There were 5,618 deaths in hospitals in 1985 in the province as a whole (70.0 per cent). This is a slightly lower proportion than the 1984 level of 70.5 per cent.

Leading Causes of Death

There is a varying impact of diseases on the different stages of the life span. Diseases peculiar to early infancy, congenital anomalies and pneumonia are main causes of death in infancy, while accidents take the greatest toll in childhood and young adult groups. Heart diseases and cancer become the major causes of death to persons in the middle and older ages.

In 1985, the average life years lost per decedent were 15.77 for males and 15.97 for females.

Heart diseases were the leading cause of death in terms of life years lost, making up 22.7 per cent of the total. They were also highest in actual number of deaths, accounting for over one-third of the total. Malignant neoplasms were the second highest cause of life years lost, and second highest in actual number of deaths. Transport accidents were third highest in terms of life years lost.

Heart Disease

The proportion of older people in the population is increasing rapidly as a result of the lengthening life span. Since heart diseases are associated with the conditions of middle and old age, mortality from heart diseases have become a major cause of death.

Heart diseases accounted for 2,614 deaths in Saskatchewan in 1985 (251.5 per 100,000 population). (Rates referred to in this section were calculated using the SHSP covered population). This is an increase in number and rate from 1984.

Thirty-three per cent of all deaths in the province in 1985 were caused by heart diseases. Ischaemic heart disease was the leading cause of death in the 65 and over age group, and the second leading cause of death in the 45-64 age group, accounting for 27.5 and 24.0 per cent of deaths respectively. Of the total deaths due to heart diseases, 13.9 per cent were to persons in the 45-64 age group and 84.9 per cent in the 65 and over age group. Thus, almost all deaths caused by heart diseases (98.8 per cent) occurred to persons 45 years of age and over.

Ischaemic heart disease accounted for 75.0 per cent of total heart diseases, a rate of 188.6 per 100,000 population. Death rates from chronic rheumatic heart disease, hypertensive disease, and other forms of heart disease were 2.5, 6.3 and 54.2 per 100,000 population, respectively.

The male death rate from heart diseases (287.0) continued to be much higher than the female rate (215.7) with also a large difference in ischaemic heart disease, males (229.0) and females (147.8).

Malignant Neoplasms (Cancer)

As in the case of heart diseases, cancer remains a leading cause of death because of the increase of older persons in the population. This disease was the second leading cause of death in 1985. The proportion (24.2 per cent of total deaths) was slightly higher than in 1984. The number (1,946) and the rate (187.3 per 100,000 population) were higher than in 1984. (Rates referred to in this section were calculated using the SHSP covered population).

Of the total deaths from cancer in Saskatchewan, 25.9 per cent were in the 45-64 age group and 69.2 per cent in the 65 plus group.

There was an increase in the male cancer mortality rate from 191.2 in 1984 to 212.3 in 1985 and an increase in the female rate from 136.6 in 1984 to 161.9 in 1985. More males die from cancer of trachea, bronchus and lungs, and more females die from breast cancer, than any other form.

Accidents and Violence

There were 483 deaths due to accidents in 1985 compared with 479 in 1984, with the rate per 100,000 population showing a slight decrease to 46.5 in 1985 from 46.6 in 1984. (Rates referred to in this section were calculated using the SHSP covered population). The proportion of accidental deaths to all deaths decreased slightly, from 6.2 in 1984 to 6.0 in 1985.

Accidents were a leading cause of death in all age groups from 1-64. Transport accidents were the leading cause of death in the age groups 5-14 years, 15-24 years, and 25-34 years.

The male accident rate was much higher than the female rate (64.0 and 28.8 per 100,000 population respectively).

The number of suicides in Saskatchewan in 1985 decreased to 133, giving a rate of 13.0 per 100,000 population.

Twenty-six per cent of all suicides in Saskatchewan were in the 15-24 age group; 79.7 per cent of all suicides were men.

Deaths from homicide and legal intervention totalled 25 in Saskatchewan in 1985. Of these victims 17 were males and 8 were females.

Table 18. Standardized* Mortality Rates for Saskatchewan, Decennial Census Years, 1921-85†

Year	Both sexes	Male	Female
1921	10.4	10.5	10.3
1931	10.0	10.0	10.0
1941	9.2	9.6	8.7
1951	7.8	8.4	7.1
1961	6.7	7.8	5.3
1971	5.9	7.3	4.5
1981	5.2	6.6	3.9
1985	5.0	6.3	3.9

* *Standardized to the 1956 Saskatchewan census population.*
† *Source-Statistics Canada.*

Table 19. Deaths by Age and Sex with Rates and Percentages, Saskatchewan, 1985

	Number			Rate per 1,000 population*			Per cent		
Age	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total	8,031	4,597	3,434	7.7	8.8	6.6	100.0	100.0	100.0
<1	200	104	96	11.9	11.9	11.9	2.5	2.3	2.8
1-4	33	19	14	0.5	0.5	0.4	0.4	0.4	0.4
5-9	21	12	9	0.3	0.3	0.2	0.3	0.3	0.3
10-14	26	17	9	0.3	0.4	0.2	0.3	0.4	0.3
15-19	69	46	23	0.8	1.1	0.6	0.9	1.0	0.7
20-24	101	79	22	1.0	1.5	0.4	1.3	1.7	0.6
25-29	92	66	26	1.0	1.4	0.6	1.1	1.4	0.8
30-34	80	53	27	1.0	1.2	0.7	1.0	1.2	0.8
35-39	70	51	19	1.1	1.5	0.6	0.9	1.1	0.6
40-44	105	69	36	2.1	2.7	1.4	1.3	1.5	1.0
45-49	142	91	51	3.1	4.0	2.3	1.8	2.0	1.5
50-54	247	160	87	5.4	7.0	3.9	3.1	3.5	2.5
55-59	356	233	123	7.6	10.1	5.3	4.4	5.1	3.6
60-64	520	328	192	11.5	14.8	8.3	6.5	7.1	5.6
65-69	764	503	261	18.7	25.9	12.1	9.5	10.9	7.6
70-74	1,012	635	377	29.3	39.7	20.4	12.6	13.8	11.0
75-79	1,104	672	432	45.2	60.6	32.4	13.7	14.6	12.6
80-84	1,110	592	518	73.0	88.9	60.6	13.8	12.9	15.1
85-89	944	456	488	119.7	150.0	100.7	11.8	9.9	14.2
90+	1,035	411	624	227.2	259.1	210.2	12.9	8.9	18.2

* *Rates were calculated using the Saskatchewan Hospital Services Plan Covered Population as of June 30, 1985.*

Table 20. Leading Causes of Death in Each Age Group, Saskatchewan, 1985

Age group and cause of death	Deaths in specified age groups		Deaths at all ages from specified causes	
	Number	Percent	Number	Per cent in specified age group
Under 1 year	200	100.0	–	–
B45 Conditions in perinatal period	88	44.0	88	100.0
B44 Congenital anomalies	58	29.0	73	79.5
B46 Symptoms and ill-defined conditions	23	11.5	69	33.3
Other	31	15.5	–	–
1-4 years	33	100.0	–	–
B08-B14 Malignant neoplasms	6	18.2	1,946	0.3
BE52 Other accidents, late effects	5	15.2	102	4.9
B18 Endocrine and metabolic diseases	3	9.1	176	1.7
B22 Diseases of the nervous system	3	9.1	138	2.2
B32 Other diseases of respiratory system	3	9.1	721	0.4
B44 Congenital anomalies	3	9.1	73	4.1
BE47 Transport accidents	3	9.1	232	1.3
BE51 Accidents caused by fires/flames	3	9.1	23	13.0
B02 Tuberculosis	2	6.1	7	28.6
Other	2	6.1	–	–
5-14 years	47	100.0	–	–
BE47 Transport accidents	16	34.0	232	6.9
B08-B14 Malignant neoplasms	12	25.5	1,946	0.6
BE52 Other accidents, late effects	6	12.8	102	5.9
Other	13	27.7	–	–
15-24 years	170	100.0	–	–
BE47 Transport accidents	67	39.4	232	28.9
BE54 Suicide and self-inflicted injury	35	20.6	133	26.3
BE52 Other accidents, late effects	17	10.0	102	16.7
B08-B14 Malignant neoplasms	14	8.2	1,946	0.7
Other	37	21.8	–	–
25-34 years	172	100.0	–	–
BE47 Transport accidents	45	26.2	232	19.4
B08-B14 Malignant neoplasms	24	14.0	1,946	1.2
BE54 Suicide and self-inflicted injury	23	13.4	133	17.3
B22 Diseases of the nervous system	10	5.8	138	7.2
BE52 Other accidents, late effects	9	5.2	102	8.8
Other	61	35.5	–	–
35-44 years	175	100.0	–	–
B08-B14 Malignant neoplasms	40	22.9	1,946	2.1
BE47 Transport accidents	26	14.9	232	11.2
BE54 Suicide and self-inflicted injury	25	14.3	133	18.8
BE52 Other accidents, late effects	13	7.4	102	12.7
B27 Ischaemic heart disease	12	6.9	1,960	0.6
Other	59	33.7	–	–
45-64 years	1,265	100.0	–	–
B08-B14 Malignant neoplasms	504	39.8	1,946	25.9
B27 Ischaemic heart disease	303	24.0	1,960	15.5
B34 Other parts of digestive system	69	5.5	315	21.9
Other	389	30.7	–	–
65+	5,969	100.0	–	–
B27 Ischaemic heart disease	1,640	27.5	1,960	83.7
B08-B14 Malignant neoplasms	1,346	22.5	1,946	69.2
B32 Other diseases of respiratory system	640	10.7	721	88.8
B29 Cerebrovascular disease	585	9.8	630	92.9
B28 Pulmonary and other heart disease	505	8.5	563	89.7
Other	1,253	21.0	–	–

Table 21. Deaths from Leading Causes by Sex, with Per Cent Distribution and Rates Per 100,000 Population, Saskatchewan, 1984 and 1985

Causes of death ("B" List—9th Revision)	Number		Per cent		Rate†	
	1984	1985	1984	1985	1984	1985
	Both sexes					
All causes of death	7,710	8,031	100.0	100.0	749.3	772.8
B27 Ischaemic heart disease	1,965	1,960	25.5	24.4	191.0	188.6
B08-B14 Malignant neoplasms	1,688	1,946	21.9	24.2	164.0	187.3
B32 Other diseases of respiratory system	738	721	9.6	9.0	71.7	69.4
B29 Cerebrovascular disease	682	630	8.8	7.8	66.3	60.6
B28 Pulmonary and other heart disease	502	563	6.5	7.0	48.8	54.2
B34 Other parts of digestive system	312	315	4.0	3.9	30.3	30.3
B30 Other diseases of circulatory system	248	280	3.2	3.5	24.1	26.9
BE47 Transport accidents	247	232	3.2	2.9	24.0	22.3
B18 Endocrine and metabolic diseases	142	176	1.8	2.2	13.8	16.9
B25 Diseases of urinary system	139	**	1.8	**	13.8	**
B22 Diseases of the nervous system	*	138	*	1.7	*	13.3
	Male					
All causes of death	4,488	4,597	100.0	100.0	867.9	880.2
B27 Ischaemic heart disease	1,217	1,196	27.1	26.0	235.3	229.0
B08-B14 Malignant neoplasms	989	1,109	22.0	24.1	191.2	212.3
B32 Other diseases of respiratory system	464	447	10.3	9.7	89.7	85.6
B29 Cerebrovascular disease	328	278	7.3	6.0	63.4	53.2
B28 Pulmonary and other heart disease	257	262	5.7	5.7	49.7	50.2
B34 Other parts of digestive system	154	172	3.4	3.7	29.8	32.9
B30 Other diseases of circulatory system	142	167	3.2	3.6	27.5	32.0
BE47 Transport accidents	181	166	4.0	3.6	35.0	31.8
BE54 Suicide and self-inflicted injury	115	106	2.6	2.3	22.2	20.3
BE18 Endocrine and metabolic diseases	*	91	*	2.0	*	17.4
B35 Diseases of urinary system	78	**	1.7	**	15.1	**
	Female					
All causes of death	3,222	3,434	100.0	100.0	629.5	664.3
B08-B14 Malignant neoplasms	699	837	21.7	24.4	136.6	161.9
B27 Ischaemic heart disease	748	764	23.2	22.2	146.1	147.8
B29 Cerebrovascular disease	354	352	11.0	10.3	69.2	68.1
B28 Pulmonary and other heart disease	245	301	7.6	8.8	47.9	58.2
B32 Other diseases of respiratory system	274	274	8.5	8.0	53.5	53.0
B34 Other parts of digestive system	158	143	4.9	4.2	30.9	27.7
B30 Other diseases of circulatory system	106	113	3.3	3.3	20.7	21.9
B18 Endocrine and metabolic diseases	77	85	2.4	2.5	15.0	16.4
BE47 Transport accidents	66	66	2.0	1.9	12.9	12.8
B35 Diseases of urinary system	61	**	1.9	**	11.9	**
B22 Diseases of the nervous system	*	57	*	1.7	*	11.0

† *Rates were calculated using the Saskatchewan Hospital Services Plan Covered Population as of June 30, 1984 and 1985.*

* *Not one of the ten leading causes of death in 1984.*

** *Not one of the ten leading causes of death in 1985.*

Table 22. Life Years Lost* and Average Age of Decedents by Cause of Death, Saskatchewan, 1985

Cause of death ("B" List-9th Revision)	Total life years lost					Average age of decedents		Life years lost per decedent	
	Number			Per cent					
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
1 Intestinal infectious diseases	11.60	0.00	11.60	0.00	100.00	–	89.90	–	5.80
2 Tuberculosis	252.83	88.35	164.48	34.94	65.06	58.75	30.97	22.09	54.83
3 Other bacterial diseases	125.24	17.87	107.37	14.27	85.73	85.63	72.84	5.96	15.34
4 Viral diseases	344.82	232.43	112.39	67.41	32.59	29.50	62.50	46.49	22.48
7 Other infectious, parasitic diseases	187.46	38.61	148.85	20.60	79.40	73.23	56.98	12.87	29.77
8 Malignant neoplasm of lip, oral cavity, pharynx	686.43	491.91	194.52	71.66	28.34	69.05	69.08	14.05	17.68
9 Malignant neoplasm of digestive organs, peritoneum	7,557.31	3,959.61	3,597.70	52.39	47.61	71.33	74.00	12.81	14.57
10 Malignant neoplasm of respiratory and related organs	6,529.81	4,192.60	2,337.21	64.21	35.79	70.11	65.60	13.39	20.15
11 Malignant neoplasm of bone, skin, breast	3,887.50	497.81	3,389.69	12.81	87.19	51.94	67.13	27.66	19.48
12 Malignant neoplasm of genitourinary organs	4,452.20	2,410.29	2,041.91	54.14	45.86	75.03	68.92	11.01	17.91
13 Malignant neoplasm of other and unspecified sites	3,698.52	1,935.51	1,763.01	52.33	47.67	63.81	69.07	18.61	18.56
14 Malignant neoplasm of lymph and haemopoietic tissue	3,679.06	2,204.63	1,474.43	59.92	40.08	62.60	68.87	19.86	18.43
15 Benign neoplasm	146.51	75.62	70.89	51.61	48.39	68.94	60.83	15.12	23.63
17 Other and unspecified neoplasm	238.06	105.58	132.48	44.35	55.65	77.60	72.77	10.56	14.72
18 Endocrine and metabolic diseases	2,647.87	1,342.98	1,304.89	50.72	49.28	70.45	74.10	14.76	15.35
19 Nutritional deficiencies	26.35	15.59	10.76	59.17	40.83	87.30	77.50	5.20	10.76
20 Diseases of blood and blood-forming organs	358.54	211.75	146.79	59.06	40.94	76.40	82.27	11.76	9.79
21 Mental disorders	844.30	573.12	271.18	67.88	32.12	69.33	83.44	16.37	9.04
22 Diseases of the nervous system	3,071.83	1,618.38	1,453.45	52.68	47.32	63.44	61.81	19.98	25.50
25 Rheumatic fever/heart disease	424.42	178.35	246.07	42.02	57.98	63.50	71.71	17.83	15.38
26 Hypertensive disease	712.23	321.85	390.38	45.19	54.81	76.13	79.45	10.38	11.48
27 Ischaemic heart disease	22,089.68	13,902.02	8,187.66	62.93	37.07	73.83	79.74	11.62	10.72
28 Pulmonary and other heart disease	5,675.00	2,703.26	2,971.74	47.63	52.37	77.06	81.97	10.32	9.87
29 Cerebrovascular disease	5,954.93	2,581.69	3,373.24	43.35	56.65	78.21	82.15	9.29	9.58
30 Other diseases of the circulatory system	2,592.15	1,504.37	1,087.78	58.04	41.96	78.86	82.08	9.01	9.63
31 Diseases of the upper respiratory tract	72.43	72.43	0.00	100.00	0.00	0.11	–	72.43	–

Table 22. Life Years Lost* and Average Age of Decedents by Cause of Death, Saskatchewan, 1985 (Continued)

	Cause of death ("B" List-9th Revision)	Total life years lost					Average age of decedents		Life years lost per decedents	
		Number			Per cent					
		Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
	32 Other diseases of the respiratory system	7,734.99	4,497.15	3,237.84	58.14	41.86	77.62	79.40	10.06	11.82
	34 Other parts of digestive system	4,535.54	2,413.15	2,122.39	53.21	46.79	70.99	74.89	14.03	14.84
	35 Diseases of urinary system	1,187.90	583.68	604.22	49.14	50.86	78.71	81.39	9.73	10.60
	36 Diseases of male genital organs	43.89	43.89	0.00	100.00	0.00	80.82	–	8.78	–
	37 Diseases of female genital organs	17.40	0.00	17.40	0.00	100.00	–	89.90	–	5.80
	42 Diseases of skin	50.11	0.00	50.11	0.00	100.00	–	83.70	–	8.35
	43 Musculoskeletal and connective tissue	399.85	212.85	187.00	53.23	46.77	71.75	74.41	14.19	14.38
	44 Congenital anomalies	5,061.80	2,190.46	2,871.34	43.27	56.73	9.69	6.63	64.43	73.62
	45 Conditions in perinatal period	6,617.96	3,911.22	2,706.74	59.10	40.90	0.11	0.11	72.43	79.61
	46 Symptoms and ill-defined conditions	2,371.53	1,252.75	1,118.78	52.82	47.18	43.65	55.86	36.85	31.97
E	47 Transport accidents	9,523.35	6,576.45	2,946.90	69.06	30.94	37.88	38.29	39.62	44.65
E	48 Accidental poisoning	966.91	509.84	457.07	52.73	47.27	46.25	45.00	31.86	38.09
E	49 Misadventures during medical care	100.55	45.83	54.72	45.58	54.42	67.50	67.50	15.28	18.24
E	50 Accidental falls	998.07	625.82	372.25	62.70	37.30	73.40	84.35	13.04	8.66
E	51 Accidents caused by fires and flames	963.18	826.82	136.36	85.84	14.16	38.21	13.00	39.37	68.18
E	52 Other accidents, late effects	3,749.08	2,637.32	1,111.76	70.35	29.65	45.86	32.15	32.97	50.53
E	53 Effects of drugs and medication	63.73	0.00	63.73	0.00	100.00	–	17.50	–	63.73
E	54 Suicide and self-inflicted injury	4,984.29	3,932.62	1,051.67	78.90	21.10	40.33	44.44	37.10	38.95
E	55 Homicide and intentional injury	1,119.48	680.35	439.13	60.77	39.23	33.44	26.58	42.52	54.89
E	56 Other violence	589.92	300.62	289.30	50.96	49.04	40.00	42.84	37.58	41.33
Total		127,346.61	72,517.43	54,829.18	56.94	43.06	68.88	73.43	15.77	15.97

* Based on "Life Tables, Canada and the Provinces, 1980-1982", prepared by Statistics Canada, Ottawa, Ontario, June, 1984.

Table 23. Deaths by Age and Sex According to Intermediate List of Mortality Causes with Rates per 100,000 Population, Saskatchewan, 1985

	Cause of death	All ages			
		Both sexes			
		Number	Rate	Male	Female
All causes		8,031	772.8	4,597	3,434
A 3	Other salmonella infections, food poisoning	1	0.1	–	1
A 5	Intestinal infections, specified	1	0.1	–	1
A 7	Tuberculosis of respiratory system	3	0.3	2	1
A 8	Other tuberculosis	4	0.4	2	2
A 15	Septicemia	10	1.0	3	7
A 22	Viral hepatitis	3	0.3	2	1
A 23	Other viral diseases	7	0.7	3	4
A 32	Mycoses	2	0.2	–	2
A 34	Late effects of tuberculosis	5	0.5	2	3
A 36	All other infectious, parasitic diseases and their late effects	1	0.1	1	–
A 37	Malignant neoplasm of lip	3	0.3	3	–
A 38	Malignant neoplasm of tongue	15	1.4	12	3
A 39	Malignant neoplasm of pharynx	13	1.3	11	2
A 40	Malignant neoplasms of other and ill-defined sites within the lip, oral cavity, and pharynx	15	1.4	9	6
A 41	Malignant neoplasm of esophagus	29	2.8	26	3
A 42	Malignant neoplasm of stomach	102	9.8	64	38
A 43	Malignant neoplasm of small intestine, inc. duod.	2	0.2	2	–
A 44	Malignant neoplasms of hepatic and splenic flexures and transverse colon	6	0.6	2	4
A 45	Malignant neoplasm of descending colon	3	0.3	1	2
A 46	Malignant neoplasm of signoid colon	19	1.8	9	10
A 47	Malignant neoplasms of caecum, appendix, and ascending colon	29	2.8	12	17
A 48	Malignant neoplasms other and colon, unspecified	113	10.9	59	54
A 49	Malignant neoplasms of rectum, rectosignoid junction and anus	79	7.6	40	39
A 50	Malignant neoplasms of liver, primary	9	0.9	5	4
A 51	Malignant neoplasm of intrahepatic bile ducts	2	0.2	1	1
A 52	Malignant neoplasm of liver, not specified as primary or secondary	13	1.3	9	4
A 53	Malignant neoplasms of gallbladder and extrahepatic bile ducts	17	1.6	3	14
A 54	Malignant neoplasms of pancreas	104	10.0	57	47
A 55	Malignant neoplasms of retroperitoneum, peritoneum and other ill-defined sites	29	2.8	19	10
A 56	Malignant neoplasm of larynx	7	0.7	6	1
A 57	Malignant neoplasms of trachea, bronchus, and lung	416	40.0	304	112
A 58	Malignant neoplasms of all other and ill-defined sites within respiratory system	6	0.6	3	3
A 59	Malignant neoplasms of bone and articular cartilage	6	0.6	4	2
A 60	Malignant neoplasms of connective and other soft tissue	8	0.8	5	3
A 61	Melanoma of skin	14	1.3	6	8
A 62	Other malignant neoplasms of skin	5	0.5	2	3
A 63	Malignant neoplasm of female breast	158	15.2	–	158
A 64	Malignant neoplasm of male breast	1	0.1	1	–
A 65	Malignant neoplasm of cervix uteri	17	1.6	–	17
A 66	Malignant neoplasms of other parts of uterus	18	1.7	–	18
A 67	Malignant neoplasms of ovary and other uterine adnexa	44	4.2	–	44
A 68	Malignant neoplasms of other and unspecified female genital organs	2	0.2	–	2
A 69	Malignant neoplasm of prostate	152	14.6	152	–

Age group												
Under 15		15-24		25-44		45-64		65-74		75+		
M	F	M	F	M	F	M	F	M	F	M	F	
152	128	125	45	239	108	812	453	1,138	638	2,131	2,062	–
–	–	–	–	–	–	–	–	–	–	–	1	A 3
–	–	–	–	–	–	–	–	–	–	–	1	A 5
–	–	–	–	–	–	1	–	1	–	–	1	A 7
–	2	–	–	1	–	–	–	–	–	1	–	A 8
–	–	–	–	–	1	–	–	–	3	3	3	A 15
–	–	–	–	2	1	–	–	–	–	–	–	A 22
1	–	1	–	–	–	1	2	–	1	–	1	A 23
–	1	–	–	–	–	–	1	–	–	–	–	A 32
–	–	–	–	–	1	1	–	–	–	1	2	A 34
–	–	–	–	–	–	–	–	–	–	1	–	A 36
–	–	–	–	–	–	–	–	1	–	2	–	A 37
–	–	–	–	–	–	5	–	6	2	1	1	A 38
						5	1	4	–	2	1	A 39
–	–	–	–	–	1	2	1	4	2	3	2	A 40
–	–	–	–	–	–	8	–	12	2	6	1	A 41
–	–	–	–	–	3	22	9	21	10	21	16	A 42
						2	–	–	–	–	–	A 43
–	–	–	–	–	–	–	1	1	–	1	3	A 44
–	–	–	–	–	–	1	–	–	–	–	2	A 45
–	–	–	–	–	–	1	1	2	5	6	4	A 46
–	–	–	–	–	–	3	4	2	5	7	8	A 47
–	–	–	–	1	1	9	8	24	12	25	33	A 48
–	–	–	–	2	1	8	8	10	12	20	18	A 49
–	1	–	–	–	–	3	2	–	–	2	1	A 50
–	–	–	–	–	–	–	–	–	1	1	–	A 51
–	–	–	–	–	–	2	–	4	1	3	3	A 52
–	–	–	–	–	–	1	–	1	4	1	10	A 53
					1	15	9	21	13	21	24	A 54
1	–	–	–	–	–	6	2	6	4	6	4	A 55
–	–	–	–	–	–	3	–	2	1	1	–	A 56
–	–	–	–	5	4	81	53	125	31	93	24	A 57
–	–	–	–	–	–	1	2	2	1	–	–	A 58
–	–	1	1	1	–	2	–	–	1	–	–	A 59
–	–	–	–	1	–	1	–	1	2	2	1	A 60
–	–	2	–	1	1	2	2	1	1	–	4	A 61
–	–	–	–	–	–	–	–	1	–	1	3	A 62
–	–	–	–	–	11	–	57	–	42	–	48	A 63
–	–	–	–	–	–	–	–	–	–	1	–	A 64
–	–	–	–	–	4	–	6	–	5	–	2	A 65
–	–	–	–	–	–	–	4	–	8	–	6	A 66
–	–	–	–	–	2	–	13	–	17	–	12	A 67
–	–	–	–	–	–	–	–	–	1	–	1	A 68
–	–	–	–	–	–	14	–	46	–	92	–	A 69

Table 23. Deaths by Age and Sex According to Intermediate List of Mortality Causes with Rates per 100,000 Population, Saskatchewan, 1985 (Continued)

	Cause of death	All ages			
		Both sexes			
		Number	Rate	Male	Female
A 70	Malignant neoplasm of testis	1	0.1	1	–
A 71	Penis and other male genital organs	2	0.2	2	–
A 72	Malignant neoplasm of bladder	52	5.0	38	14
A 73	Malignant neoplasm of kidney and other unspecified urinary organs	45	4.3	26	19
A 74	Malignant neoplasm of eye	3	0.3	3	–
A 75	Malignant neoplasm of brain	68	6.5	33	35
A 77	Malignant neoplasms of thyroid gland and other endocrine glands and related structures	11	1.1	6	5
A 78	Malignant neoplasms of all other and unspecified sites	117	11.3	62	55
A 79	Lymphosarcoma and reticulosarcoma	16	1.5	12	4
A 80	Hodgkins disease	12	1.2	7	5
A 81	Other malignant neoplasms of lymphoid and histiocytic tissue	43	4.1	24	19
A 82	Multiple myeloma and innumoproliferative neoplasms	33	3.2	17	16
A 83	Lymphoid leukemia	31	3.0	18	13
A 84	Myeloid leukemia	31	3.0	19	12
A 85	Monocytic leukemia	3	0.3	1	2
A 86	Other and unspecified leukemia	22	2.1	13	9
A 88	Malignant neoplasm of eye, brain, nervous system	5	0.5	3	2
A 89	All other and unspecified sites	3	0.3	2	1
A 92	Neoplasms of uncertain behavior	6	0.6	3	3
A 93	Neoplasms of unspecified nature	13	1.3	7	6
A 94	Disorders of thyroid gland	2	0.2	–	2
A 95	Diabetes mellitus	137	13.2	74	63
A 96	Disorders of pituitary and hypothalamic glands	2	0.2	1	1
A 98	Disorders of adrenal glands	1	0.1	–	1
A 99	Cystic fibrosis	2	0.2	1	1
A 101	All other indocrine and metabolic diseases and immunity disorders	32	3.1	15	17
A 102	Nutritional marasmus	1	0.1	1	–
A 103	Other protein-calorie malnutrition	2	0.2	1	1
A 104	Other nutritional deficiencies	1	0.1	1	–
A 105	Deficienct anemias	3	0.3	2	1
A 106	Hemolytic anemias	1	0.1	–	1
A 107	Aplastic anemia	5	0.5	1	4
A 108	Other and unspecified anemias	15	1.4	8	7
A 109	Purpura and hemorrhagic conditions	3	0.3	3	–
A 110	All other diseases of blood and blood-forming organs	6	0.6	4	2
A 111	Senile and presenile organic psychotic conditions	18	1.7	6	12
A 112	Alcoholic psychoses	2	0.2	2	–
A 113	All other psychoses	6	0.6	2	4
A 114	Alcohol dependence syndrome	14	1.3	13	1
A 116	Other neurotic, personality, and nonpsychotic mental disorders	23	2.2	10	13
A 117	Mental retardation	2	0.2	2	–
A 118	Meningitis	3	0.3	2	1
A 119	Parkinsons disease	20	1.9	14	6
A 120	Other hereditary and degenerative diseases of the central nervous system	53	5.1	31	22
A 121	Multiple sclerosis	13	1.3	5	8
A 122	Infantile cerebral palsy	7	0.7	4	3

Age group												
Under 15		15-24		25-44		45-64		65-74		75+		
M	F	M	F	M	F	M	F	M	F	M	F	
–	–	–	–	1	–	–	–	–	–	–	–	A 70
–	–	–	–	–	–	1	–	–	–	1	–	A 71
–	–	–	–	–	–	6	2	12	2	20	10	A 72
2	–	–	–	1	–	8	5	10	7	5	7	A 73
–	–	–	–	–	–	1	–	1	–	1	–	A 74
2	4	5	–	2	2	14	11	7	14	3	4	A 75
–	–	–	–	–	1	4	–	1	–	1	4	A 77
–	–	–	–	1	2	20	7	18	13	23	33	A 78
–	–	–	–	2	–	2	–	3	2	5	2	A 79
–	–	2	–	2	3	–	1	2	1	1	–	A 80
–	–	1	–	1	–	8	4	10	7	4	8	A 81
–	–	–	–	–	–	6	2	5	6	6	8	A 82
3	2	1	–	1	–	3	4	6	4	4	3	A 83
2	–	1	–	3	1	7	5	3	2	3	4	A 84
–	–	–	–	–	–	–	–	–	–	1	2	A 85
1	–	–	–	–	1	2	1	2	1	8	6	A 86
–	–	–	–	1	–	–	1	2	1	–	–	A 88
–	–	–	–	–	–	–	1	–	–	2	–	A 89
–	–	–	–	–	–	1	–	1	1	1	2	A 92
–	–	–	–	–	–	1	2	–	3	6	1	A 93
–	–	–	–	–	–	–	–	–	–	–	2	A 94
–	–	–	–	6	–	15	10	14	10	39	43	A 95
–	–	–	–	–	–	1	–	–	–	–	1	A 96
–	–	–	–	–	–	–	–	–	1	–	–	A 98
–	–	1	–	–	1	–	–	–	–	–	–	A 99
2	4	–	–	1	–	1	3	3	–	8	10	A 101
–	–	–	–	–	–	–	–	–	–	1	–	A 102
–	–	–	–	–	–	–	–	–	–	1	1	A 103
–	–	–	–	–	–	–	–	–	–	1	–	A 104
–	–	–	–	–	–	–	–	–	–	2	1	A 105
–	–	–	–	–	–	–	–	–	–	–	1	A 106
–	–	–	–	–	–	1	1	–	–	–	3	A 107
1	–	–	–	–	–	–	–	1	–	7	7	A 108
–	–	–	–	–	–	–	–	1	–	1	–	A 109
–	–	–	–	–	–	1	1	1	1	2	–	A 110
–	–	–	–	–	–	–	–	–	2	6	10	A 111
–	–	–	–	–	–	–	–	2	–	–	–	A 112
–	–	–	–	–	–	–	–	–	–	2	4	A 113
–	–	–	–	4	–	2	1	3	–	4	–	A 114
–	–	–	–	2	–	1	1	–	1	7	11	A 116
–	–	–	–	2	–	–	–	–	–	–	–	A 117
–	1	–	–	–	–	1	–	–	–	1	–	A 118
–	–	–	–	–	–	–	–	4	1	10	5	A 119
1	2	–	–	1	–	7	2	9	5	13	13	A 120
–	–	1	–	–	2	2	5	–	1	2	–	A 121
1	1	1	2	2	–	–	–	–	–	–	–	A 122

Table 23. Deaths by Age and Sex According to Intermediate List of Mortality Causes with Rates per 100,000 Population, Saskatchewan, 1985 (Continued)

Cause of death	All ages			
	Both sexes			
	Number	Rate	Male	Female
A 123 Epilepsy	11	1.1	8	3
A 124 Other disorders of nervous system	31	3.0	17	14
A 128 Diseases of mitral valve	12	1.2	4	8
A 130 Diseases of mitral and aortic valves	3	0.3	1	2
A 131 All other chronic rheumatic heart disease	11	1.1	5	6
A 132 Essential hypertension	9	0.9	7	2
A 133 Hypertensive heart disease	31	3.0	13	18
A 134 Hypertensive renal disease	19	1.8	10	9
A 135 Hypertensive heart and renal diseases	6	0.6	1	5
A 136 Acute myocardial infarction	1,280	123.2	811	469
A 137 Ischaemic heart disease	20	1.9	14	6
A 138 Angina pectoris	6	0.6	3	3
A 139 All other forms of chronic ischaemic heart disease	654	62.9	368	286
A 140 Diseases of pulmonary circulation	60	5.8	27	33
A 141 Acute and subacute endocarditis	1	0.1	1	–
A 142 Acute pericarditis, acute myocarditis, and other diseases of pericardium	3	0.3	1	2
A 143 Mitral valve disorders	7	0.7	1	6
A 144 Aortic valve disorders	29	2.8	18	11
A 145 Other diseases of endocardium	11	1.1	4	7
A 146 Heart failure	241	23.2	103	138
A 147 Myocarditis, unspecified and myocardial degeneration	9	0.9	3	6
A 148 All other and ill-defined forms of heart disease	202	19.4	104	98
A 149 Subarachnoid hemorrhage	28	2.7	7	21
A 150 Intracerebral and other intracranial haemorrhage	85	8.2	43	42
A 151 Occlusion and stenosis of precerebral arteries	5	0.5	2	3
A 152 Cerebral thrombosis and unspecified occlusion of cerebral arteries	95	9.1	41	54
A 153 Cerebral embolism	6	0.6	4	2
A 154 Acute but ill-defined cerebrovascular disease	340	32.7	147	193
A 155 Other and late effects of cerebrovascular diseases	71	6.8	34	37
A 156 Atherosclerosis	127	12.2	72	55
A 157 Aortic aneurysm	78	7.5	59	19
A 158 All other diseases of arteries, arterioles, and capillaries	34	3.3	17	17
A 159 Phlebitis, thrombophlebitis, and venous embolism and thrombosis	32	3.1	13	19
A 160 All other diseases of veins and lymphatics, and other diseases of circulatory system	9	0.9	6	3
A 162 Other diseases of upper respiratory	1	0.1	1	–
A 163 Acute bronchitis, bronchiolitis	5	0.5	5	–
A 164 Viral pneumonia	3	0.3	1	2
A 165 Pneumococcal and other bacterial pneumonia	24	2.3	16	8
A 166 Bronchopneumonia, organism unspecified	128	12.3	67	61
A 167 Pneumonia due to other and unspecified organism	185	17.8	91	94
A 168 Influenza	25	2.4	12	13
A 169 Bronchitis, not specified as acute or chronic	1	0.1	–	1
A 170 Chronic bronchitis	20	1.9	14	6
A 171 Emphysema	52	5.0	43	9
A 172 Asthma	19	1.8	8	11
A 173 Bronchiectasis and extrinsic allergic alveolitis	6	0.6	5	1
A 174 Chronic airways obstruction, not elsewhere classified	182	17.5	145	37
A 175 Pneumoconioses and other lung disease due to external agents	12	1.2	4	8
A 176 Empyema and abscess of lung	2	0.2	1	1

Age group												
Under 15		15-24		25-44		45-64		65-74		75+		
M	F	M	F	M	F	M	F	M	F	M	F	
–	–	–	1	6	1	1	1	–	–	1	–	A 123
2	3	1	–	2	–	2	1	4	3	6	7	A 124
–	–	–	–	–	–	2	1	2	3	–	4	A 128
–	–	–	–	1	–	–	–	–	2	–	–	A 130
–	–	–	–	–	–	1	2	3	1	1	3	A 131
–	–	–	–	–	–	2	1	–	–	5	1	A 132
–	1	–	–	–	–	4	1	3	2	6	15	A 133
–	–	–	–	–	–	–	–	2	–	8	8	A 134
–	–	–	–	–	–	–	–	1	2	–	3	A 135
–	–	–	–	10	1	173	48	258	113	370	307	A 136
–	–	–	–	–	–	3	2	3	1	8	3	A 137
–	–	–	–	–	–	1	1	2	–	–	2	A 138
–	–	–	–	6	–	57	18	91	41	214	227	A 139
–	–	–	–	–	1	4	4	10	11	13	17	A 140
								1	–	–	–	A 141
–	–	–	–	1	–	–	–	–	2	–	–	A 142
–	–	–	–	–	–	–	–	–	2	1	4	A 143
–	–	–	–	–	–	5	2	5	2	8	7	A 144
–	–	–	–	–	–	1	–	–	3	3	4	A 145
–	–	–	–	–	–	2	1	14	14	87	123	A 146
1	1	–	2	4	1	23	5	19	10	57	79	A 148
–	–	–	1	3	3	3	5	1	3	–	9	A 149
–	–	–	–	1	–	8	6	13	9	21	27	A 150
–	–	–	–	–	–	–	1	1	1	1	1	A 151
–	–	–	–	–	–	3	–	17	6	21	48	A 152
–	–	–	–	–	–	1	–	–	1	3	1	A 153
–	–	–	–	–	–	5	5	29	21	113	167	A 154
–	–	–	–	–	–	–	–	9	3	25	34	A 155
–	–	–	–	–	–	5	–	8	3	59	52	A 156
–	–	–	–	–	–	7	–	15	3	37	16	A 157
–	1	–	–	1	–	1	3	8	3	7	11	A 158
				–	–	–	2	3	4	10	12	A 159
–	–	–	–	1	–	2	1	1	1	2	1	A 160
1	–	–	–	–	–	–	–	–	–	–	–	A 162
1	–	–	–	1	–	–	–	–	–	3	–	A 163
–	1	–	–	–	–	1	–	–	–	–	1	A 164
1	–	–	–	2	–	3	2	3	1	7	5	A 165
1	2	–	–	1	–	3	1	6	6	56	52	A 166
2	1	1	1	1	1	1	4	13	5	73	82	A 167
–	–	–	–	–	–	–	1	2	2	10	10	A 168
–	–	–	–	–	–	–	–	–	–	–	1	A 169
–	–	–	–	–	–	1	–	2	1	11	5	A 170
–	–	–	–	–	–	3	1	20	4	20	4	A 171
1	1	–	–	1	1	–	6	5	2	1	1	A 172
–	–	–	–	–	–	2	–	1	–	2	1	A 173
–	–	–	–	–	–	12	3	40	12	93	22	A 174
–	–	–	–	–	–	–	2	–	3	4	3	A 175
–	–	–	–	–	–	1	–	–	–	–	1	A 176

Table 23. Deaths by Age and Sex According to Intermediate List of Mortality Causes with Rates per 100,000 Population, Saskatchewan, 1985 (Continued)

Cause of death	All ages			
	Both sexes			
	Number	Rate	Male	Female
A 177 Pleurisy	4	0.4	3	1
A 178 All other diseases of respiratory system	53	5.1	32	21
A 180 Gastric ulcer	8	0.8	6	2
A 181 Duodenal ulcer	22	2.1	12	10
A 182 Peptic ulcer, site unspecified	4	0.4	2	2
A 183 Gastritis and duodenitis	3	0.3	3	—
A 185 Hernia of abdominal cavity and intestinal obstruction without mention of hernia	37	3.6	16	21
A 186 Regional enteritis and idiopathic proctocolitis	6	0.6	2	4
A 187 Gastroenteritis and colitis	30	2.9	13	17
A 188 Diverticular of intestine	17	1.6	8	9
A 189 Chronic liver disease and cirrhosis, specified as alcoholic	34	3.3	25	9
A 190 Chronic hepatitis and biliary cirrhosis	8	0.8	3	5
A 191 Other, chronic liver disease and cirrhosis without mention of alcohol	44	4.2	28	16
A 192 Cholelithiasis and other disorders of gallbladder	14	1.3	7	7
A 193 All other diseases of digestive system	88	8.5	47	41
A 195 Nephrotic syndrome	1	0.1	1	—
A 196 Chronic glomerulonephritis, nephritis, nephropathy, and renal sclerosis unspecified	3	0.3	1	2
A 197 Renal failure and other disorders resulting from impaired function	80	7.7	42	38
A 198 Infections of kidney	13	1.3	3	10
A 199 Urinary calculus	3	0.3	1	2
A 200 Other diseases of urinary system	17	1.6	12	5
A 201 Hyperplasia of prostate	3	0.3	3	—
A 202 Other diseases of male genital organs	2	0.2	2	—
A 204 Other diseases of female genital organs	3	0.3	—	3
A 217 Infections of skin and subcutaneous tissue	2	0.2	—	2
A 218 Other diseases of skin and subcutaneous tissue	4	0.4	—	4
A 219 Rheumatoid arthritis and other inflammatory polyarthropathies	7	0.7	3	4
A 220 Arthropathies and related disorders	13	1.3	7	6
A 222 Rheumatism, excluding the back	1	0.1	—	1
A 223 Ostheopathies, chondropathies, and acquired musculoskeletal deformities	7	0.7	5	2
A 224 Spina bifida	2	0.2	2	—
A 225 All other congenital anomalies of nervous system	10	1.0	2	8
A 226 Congenital anomalies of heart	26	2.5	14	12
A 227 Other congenital anomalies of circulatory system	4	0.4	2	2
A 228 All other congenital anomalies	31	3.0	14	17
A 229 Birth trauma	5	0.5	4	1
A 230 Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	24	2.3	15	9
A 231 Other conditions originating in the perinatal period	59	5.7	35	24
A 232 Senility without mention of psychosis	12	1.2	4	8
A 233 Symptoms, signs and other ill-defined conditions	57	5.5	30	27
AE 234 Railway accidents	4	0.4	3	1

Age group												
Under 15		15-24		25-44		45-64		65-74		75+		
M	F	M	F	M	F	M	F	M	F	M	F	
–	–	–	–	–	–	–	–	–	–	3	1	A 177
1	1	–	–	–	–	6	5	7	2	18	13	A 178
–	–	–	–	–	–	2	–	–	–	4	2	A 180
–	–	–	–	–	–	3	1	5	1	4	8	A 181
–	–	–	–	–	–	–	–	1	1	1	1	A 182
–	–	–	–	–	–	–	–	2	–	1	–	A 183
1	1	–	–	1	–	2	–	2	3	10	17	A 185
1	1	–	–	–	–	–	1	–	1	1	1	A 186
–	–	–	–	1	–	2	2	1	2	9	13	A 187
–	–	–	–	–	–	1	1	–	1	7	7	A 188
–	–	–	–	–	2	13	3	8	3	4	1	A 189
–	–	–	–	–	–	2	2	–	2	1	1	A 190
–	–	–	–	1	–	11	8	10	6	6	2	A 191
–	–	–	–	–	–	–	–	1	–	6	7	A 192
–	1	–	1	3	2	7	8	11	4	26	25	A 193
–	–	–	–	–	–	–	–	–	–	1	–	A 195
–	–	–	–	–	–	–	–	–	1	1	1	A 196
–	1	–	–	2	1	6	1	2	3	32	32	A 197
–	–	–	–	–	–	–	1	1	3	2	6	A 198
–	–	–	–	–	–	–	–	1	–	–	2	A 199
–	–	–	–	1	–	1	–	2	–	8	5	A 200
–	–	–	–	–	–	–	–	–	–	3	–	A 201
–	–	–	–	–	–	1	–	–	–	1	–	A 202
–	–	–	–	–	–	–	–	–	–	–	3	A 204
–	–	–	–	–	–	–	–	–	–	–	2	A 217
–	–	–	–	1	–	–	–	–	1	–	3	A 218
–	–	1	1	–	–	1	–	2	3	–	1	A 219
–	–	–	–	–	–	–	–	–	2	5	3	A 220
–	–	–	–	–	–	–	–	–	–	–	1	A 222
2	–	–	–	–	–	–	–	1	–	4	2	A 223
2	8	–	–	–	–	–	–	–	–	–	–	A 224
13	8	1	3	–	–	–	–	–	–	–	–	A 225
1	1	–	–	–	–	–	–	–	1	–	–	A 226
11	16	–	–	–	–	2	1	–	1	1	–	A 227
4	1	–	–	–	–	–	–	–	–	1	–	A 228
										–	–	A 229
15	9	–	–	–	–	–	–	–	–	–	–	A 230
25	24	–	–	–	–	–	–	–	–	–	–	A 231
–	–	–	–	–	–	–	–	–	–	4	8	A 232
14	11	–	–	2	–	2	3	5	3	7	10	A 233
–	–	1	–	2	–	–	1	–	–	–	–	AE 234

Table 23. Deaths by Age and Sex According to Intermediate List of Mortality Causes with Rates per 100,000 Population, Saskatchewan, 1985 (Continued)

Cause of death	All ages			
	Both sexes			
	Number	Rate	Male	Female
AE 235 Involving collision with train	6	0.6	4	2
AE 236 Involving collision with another motor vehicle	88	8.5	62	26
AE 237 Involving collision with pedestrian	30	2.9	21	9
AE 238 Involving collision with other vehicle or object	6	0.6	4	2
AE 239 Not involving collision on highway	66	6.4	48	18
AE 240 Motor vehicle traffic accident of unspecified nature	13	1.3	6	7
AE 241 Motor vehicle nontraffic accident	11	1.1	10	1
AE 242 Other road vehicle accidents	1	0.1	1	—
AE 243 Water transport accidents	4	0.4	4	—
AE 244 Air and space transport accidents	2	0.2	2	—
AE 245 Vehicle accident elsewhere unclassified	1	0.1	1	—
AE 246 Accidental poisoning by drugs, medicaments, and biologicals	14	1.3	5	9
AE 247 Accidental poisoning by other solid or liquid substances	9	0.9	7	2
AE 248 Accidental poisoning by gases and vapors	5	0.5	4	1
AE 249 Misadventures during medical care	6	0.6	3	3
AE 250 Fall from one level to another	21	2.0	13	8
AE 251 Fall on same level	12	1.2	6	6
AE 252 Fracture, cause unspecified, and other and unspecified falls	58	5.6	29	29
AE 253 Accidents caused by fires and flames	23	2.2	21	2
AE 255 Accidental drowning and submersion	21	2.0	13	8
AE 256 Suffocation caused by inhalation or ingestion of food or other object	17	1.6	12	5
AE 258 Accidents caused by all other and unspecified firearms	2	0.2	2	—
AE 260 Accident caused by hot substances and radiation	2	0.2	2	—
AE 261 Accident caused by electric current	3	0.3	2	1
AE 262 All other accidents and late effects of accidental injury	57	5.5	49	8
AE 263 Drugs causing adverse effects	1	0.1	—	1
AE 264 Suicide by drugs, medicaments and biologicals in therapeutic use	14	1.3	7	7
AE 265 Suicide by other solid or liquid substances	3	0.3	2	1
AE 266 Suicide by gases and vapors	16	1.5	13	3
AE 267 Suicide by hanging, strangulation and suffocation	29	2.8	21	8
AE 268 Suicide by handgun	1	0.1	1	—
AE 269 Suicide by all other and unspecified firearms	59	5.7	52	7
AE 270 Suicide by all other means and late effects of self-inflicted injury	11	1.1	10	1
AE 272 Assault by all other and unspecified firearms	6	0.6	3	3
AE 273 Assault by cutting and piercing instrument	11	1.1	9	2
AE 274 Assault by other means and late effects of injury	7	0.7	4	3
AE 276 Other legal intervention	1	0.1	1	—
AE 277 Injury undetermined whether accidentally or purposely inflicted from poisoning by drugs, medicaments and biologicals	6	0.6	3	3
AE 278 Injury undetermined whether accidentally or purposely inflicted from poisoning by other solid or liquid substances	1	0.1	1	—
AE 280 Injury by unspecified firearms	1	0.1	1	—
AE 281 Injury undetermined whether accidentally or purposely inflicted from injury by all other means and late effects of injury	6	0.6	2	4

Age group												
Under 15		15-24		25-44		45-64		65-74		75+		
M	F	M	F	M	F	M	F	M	F	M	F	
–	–	1	–	2	1	1	1	–	–	–	–	AE 235
5	2	13	8	20	6	8	3	7	3	9	4	AE 236
3	1	6	1	3	5	3	1	5	1	1	–	AE 237
1	1	2	1	1	–	–	–	–	–	–	–	AE 238
3	1	21	9	17	5	6	2	1	1	–	–	AE 239
1	–	–	–	–	3	2	2	–	1	3	1	AE 240
1	–	2	–	4	–	2	–	1	–	–	1	AE 241
–	–	–	–	1	–	–	–	–	–	–	–	AE 242
–	–	1	–	–	–	2	–	–	–	1	–	AE 243
–	–	1	–	–	–	1	–	–	–	–	–	AE 244
–	–	–	–	1	–	–	–	–	–	–	–	AE 245
–	–	–	1	3	4	2	2	–	2	–	–	AE 246
–	–	–	–	1	1	4	–	1	1	1	–	AE 247
–	–	1	1	3	–	–	–	–	–	–	–	AE 248
–	–	–	–	–	–	1	2	1	–	1	1	AE 249
–	–	–	–	3	–	4	–	2	–	4	8	AE 250
–	–	–	–	1	–	2	–	1	–	2	6	AE 251
–	–	–	–	1	–	2	4	4	1	22	24	AE 252
3	1	4	1	6	–	5	–	1	–	2	–	AE 253
3	5	2	1	5	2	–	–	3	–	–	–	AE 255
2	2	1	1	1	–	4	1	1	1	3	–	AE 256
2	–	–	–	–	–	–	–	–	–	–	–	AE 258
–	–	–	–	–	–	–	–	1	–	1	–	AE 260
–	–	1	–	1	–	–	–	–	–	–	1	AE 261
–	1	10	1	11	2	16	3	5	1	7	–	AE 262
–	–	–	1	–	–	–	–	–	–	–	–	AE 263
–	–	1	–	3	2	2	–	–	2	1	3	AE 264
–	–	–	–	2	–	–	1	–	–	–	–	AE 265
–	–	1	–	7	1	4	2	–	–	1	–	AE 266
–	1	7	3	4	2	5	2	3	–	2	–	AE 267
–	–	–	–	–	–	–	–	1	–	–	–	AE 268
–	–	20	–	18	5	9	2	2	–	3	–	AE 269
–	–	3	–	3	1	3	–	1	–	–	–	AE 270
–	–	2	1	1	2	–	–	–	–	–	–	AE 272
–	–	3	1	5	1	1	–	–	–	–	–	AE 273
–	1	–	–	3	2	1	–	–	–	–	–	AE 274
–	–	–	–	1	–	–	–	–	–	–	–	AE 276
–	–	–	1	3	2	–	–	–	–	–	–	AE 277
–	–	–	–	1	–	–	–	–	–	–	–	AE 278
–	–	–	–	–	–	1	–	–	–	–	–	AE 280
1	–	–	–	–	2	–	–	–	1	1	1	AE 281

Table 23. Deaths by Age and Sex According to Intermediate List of Mortality Causes with Rates per 100,000 Population, Saskatchewan, 1985 (Concluded)

There were no deaths in 1985 from the following:

A 1 Cholera, typhoid, paratyphoid fevers
A 2 Shigellosis
A 4 Amoebiasis
A 6 Ill-defined intestinal infections
A 9 Brucellosis
A 10 Diptheria
A 11 Whooping cough
A 12 Streptococcal throat, scarlatina, erysipelas
A 13 Meningococcal infection
A 14 Tetanus
A 16 All other bacterial diseases
A 17 Acute poliomyelitis
A 18 Smallpox
A 19 Measles
A 20 Rubella
A 21 Anthropod-borne encephalitis
A 24 Typhus and other rickettsioses
A 25 Malaria
A 26 Other arthropod-borne diseases
A 27 Cardiovascular syphilis
A 28 Neurosyphilis
A 29 All other syphilis
A 30 Gonococcal infections
A 31 Other venereal diseases
A 33 Helminthiases
A 35 Late effects acute poliomyelitis
A 76 Malignant neoplasms of other and unspecified parts of nervous system
A 87 Malignant neoplasm of female genital organs
A 90 Malignant neoplasm of breast and genitourinary system
A 91 Malignant neoplasm of all other and unspecified sites
A 97 Diseases of thymus gland
A 100 Obesity
A 115 Drug dependence
A 125 Disorders of eye and adnexa
A 126 Diseases of ear and mastoid
A 127 Acute rheumatic fever
A 129 Disease of aortic valve
A 161 Upper respiratory infections
A 179 Disorder of oral cavity, salivary
A 184 Appendicitis
A 194 Acute glomerulonephritis
A 203 Disorders of breast
A 205 Ectopic pregnancy
A 206 Spontaneous abortion
A 207 Legally induced abortion
A 208 Illegally induced abortion
A 209 Pregnancy with abortive outcome
A 210 Hemorrhage of pregnancy and childbirth
A 211 Toxemia of pregnancy
A 212 Obstructed labor
A 213 Complication of puerperium
A 214 Direct obstetric causes
A 215 Indirect obstetric causes
A 216 Delivery in completely normal case
A 221 Dorsopathies
AE 254 Lightning
AE 257 Accidents caused by handgun
AE 259 Accident caused by explosive material
AE 271 Assault by handgun
AE 275 Legal execution
AE 279 From injury by handgun
AE 282 Injury from operations of war

Table 24. Accidental and Violent Deaths by External Cause and Internal Cause, Saskatchewan, 1985

External cause of death	Internal cause										
	BN47	BN48	BN49	BN50	BN51	BN52	BN53	BN54	BN55	BN56	Total
All causes of death	152	–	180	59	20	15	85	6	134	4	655
BE47 Transport accidents	71	–	109	9	1	1	2	–	39	–	232
BE48 Accidental poisoning	–	–	–	–	–	–	28	–	–	–	28
BE49 Misadventures during medical care	–	–	–	–	–	–	–	6	–	–	6
BE50 Accidental falls	74	–	15	–	–	–	–	–	2	–	91
BE51 Accidents caused by fires and flames	–	–	–	–	–	11	12	–	–	–	23
BE52 Other accidents, late effects	3	–	19	2	18	2	–	–	54	4	102
BE53 Effects of drugs and medication	–	–	–	–	–	–	1	–	–	–	1
BE54 Suicide and self-inflicted injury	2	–	24	38	1	1	34	–	33	–	133
BE55 Homicide and intentional injury	1	–	12	8	–	–	–	–	3	–	24
BE56 Other violence	1	–	1	2	–	–	8	–	3	–	15

Codes for internal cause of deaths:

BN47 Fractures
BN48 Dislocations, sprains, strains
BN49 Intracranial, internal injury, nerves
BN50 Open wounds, injury to blood vessels
BN51 Effects/body entering through orifice
BN52 Burns
BN53 Poisonings and toxic agents
BN54 Complications/medical and surgical care
BN55 Other injuries
BN56 Effects of injury, poisons, toxicity

Table 25. Suicide by Province, 1980-1985

	1980		1981		1982		1983		1984		1985	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Canada	3,358	13.9	3,403	14.0	3,523	14.3	3,755	15.1	3,440	13.7	3,259	12.9
Newfoundand	19	3.3	24	4.2	34	6.0	36	6.2	39	6.7	23	4.0
Prince Edward Island	14	11.3	9	7.3	11	9.0	16	12.9	15	12.0	5	3.9
Nova Scotia	97	11.4	92	10.9	104	12.2	104	12.1	86	9.9	106	12.0
New Brunswick	81	11.4	77	11.1	90	12.9	100	14.2	90	12.6	86	12.0
Quebec	947	15.0	1,054	16.4	1,071	16.5	1,208	18.5	1,027	15.7	1,124	17.1
Ontario	1,121	13.1	1,075	12.5	1,111	12.7	1,139	12.9	1,101	12.3	1,038	11.4
Manitoba	121	11.8	144	14.0	139	13.4	165	15.8	134	12.7	127	11.9
Saskatchewan	153	15.8	171	17.7	171	17.5	148	14.9	136	13.5	133	13.0
Alberta	389	18.7	344	15.4	359	15.5	393	16.7	405	17.2	296	12.6
British Columbia	396	15.0	398	14.5	418	15.0	417	14.8	385	13.4	300	10.4
Yukon	11	51.4	5	21.6	7	29.5	8	35.9	5	22.9	8	35.1
Northwest Territories	9	20.9	10	21.9	8	17.0	21	43.4	17	34.4	13	25.5

* *Rate per 100,000 population (Statistics Canada population estimates).*

Table 26. Suicide by Age Group and Sex, Saskatchewan, 1961-1985

		Under 15		15-24		25-44		45-64		65-74		75+	
		M	F	M	F	M	F	M	F	M	F	M	F
1961	Number	—	—	7	1	17	3	35	8	15	2	6	—
	Rate*	—	—	10.5	1.6	14.5	2.7	40.1	10.2	51.1	8.3	33.3	—
1966	Number	2	—	4	6	21	—	24	7	9	—	3	—
	Rate*	1.2	—	5.2	8.1	19.2	—	25.9	8.1	33.8	—	15.0	—
1971	Number	1	—	12	1	14	3	32	8	3	—	4	—
	Rate*	0.7	—	14.3	1.2	13.8	3.1	33.9	8.7	10.9	—	19.9	—
1976	Number	—	—	25	13	34	9	22	9	3	6	7	1
	Rate*	—	—	27.4	14.9	32.3	8.9	23.7	9.7	9.9	19.6	37.1	4.5
1981	Number	2	2	39	15	42	13	25	6	11	5	8	3
	Rate*	1.8	1.9	41.9	16.5	33.6	10.8	27.3	6.5	32.6	13.8	39.4	11.7
1985	Number	—	1	32	3	37	11	23	7	7	2	7	3
	Rate*	—	0.8	35.2	3.4	25.4	7.8	25.5	7.7	20.0	5.0	31.3	10.1

* *Rate per 100,000 population (Statistics Canada population estimates).*

Infant Mortality

Infant Mortality Rate

A favourable infant mortality rate is one of the indications of good general health conditions in an area.

One of the most important of the factors influencing the infant mortality rate is the proportion of births that take place in hospital or under proper medical care. Successful public health programs, availability of hospital facilities, high quality of medical care and high standards of living are some of the conditions which have assisted in creating a downward trend in infant mortality.

The risk of death during the first year of life is higher than at any other age except at very old ages. Not until age 65 for males and age 70 for females is there a greater probability of death than that of infancy — see Saskatchewan Life Table (Table 38 in this report).

Infant Deaths by Age and Sex

Of the total infant deaths, 40.5 per cent occurred during the first day of life and 44.0 per cent before the third day. 61.5 per cent occurred by the end of the first month.

In 1985 the male infant mortality rate was 11.0 per 1,000 male live births, and the female rate was 11.0 per 1,000 female live births.

Causes of Infant Deaths

In 1985 congenital anomalies caused 58 infant deaths (29.0 per cent of the total). Hypoxia, birth asphyxia, and respiratory conditions accounted for 45 infant deaths (22.5 per cent), and immaturity for 13 infant deaths (6.5 per cent). Influenza and pneumonia caused 7 infant deaths (3.5 per cent).

Neonatal Mortality (deaths under 4 weeks of age)

Of the 123 neonatal deaths in Saskatchewan in 1985, 81 occurred during the first day and 99 in the first week of life. Congenital anomalies were the leading causes of neonatal death, followed by hypoxia, asphyxia and respiratory conditions and immaturity.

Saskatchewan's 1985 neonatal mortality rate of 6.8 per 1,000 live births was slightly higher than the rate for all of Canada which was 5.2.

Perinatal Mortality

Deaths occurring before, and soon after, the natal or delivery period frequently have the same underlying causes. Perinatal deaths consist of stillbirths plus deaths under one week of age and the rate is expressed as a proportion of total births (live and stillborn). Under the definition of stillbirth adopted in 1961, in which the minimum gestational period was lowered from 28 to 20 weeks, there were 207 perinatal deaths with a rate of 11.3 per 1,000 total births in 1985, compared with a rate of 11.9 in 1984. Using the old definition of stillbirth (28+ weeks gestation) perinatal deaths would number 166 in 1985, giving a rate of 9.1 per 1,000 total births.

Table 27. Distribution of Infant Deaths by Age, Saskatchewan, 1985

Age	Number	Per cent	Rate*	Cumulative		
				Number	Per cent	Rate*
Total	200	100.0	11.0	200	100.0	11.0
1st day	81	40.5	4.5	81	40.5	4.5
2nd day	7	3.5	0.4	88	44.0	4.8
3rd day	4	2.0	0.2	92	46.0	5.1
4th day	4	2.0	0.2	96	48.0	5.3
5th day	—	—	—	—	—	—
6th day	—	—	—	—	—	—
7th day	3	1.5	0.2	99	49.5	5.5
1st week	99	49.5	5.5	99	49.5	5.5
2nd week	11	5.5	0.6	110	55.0	6.1
3rd week	11	5.5	0.6	121	60.5	6.7
4th week	2	1.0	0.1	123	61.5	6.8
1st month	123	61.5	6.8	123	61.5	6.8
2nd month	17	8.5	0.9	140	70.0	7.7
3rd month	15	7.5	0.8	155	77.5	8.5
4th month	13	6.5	0.7	168	84.0	9.3
5th month	9	4.5	0.5	177	88.5	9.7
6th month	5	2.5	0.3	182	91.0	10.0
7th month	4	2.0	0.2	186	93.0	10.2
8th month	3	1.5	0.2	189	94.5	10.4
9th month	4	2.0	0.2	193	96.5	10.6
10th month	1	0.5	0.1	194	97.0	10.7
11th month	5	2.5	0.3	199	99.5	11.0
12th month	1	0.5	0.1	200	100.0	11.0

** Rate per 1,000 live births.*

Table 28. Infant Deaths by Sex and Age at Death, with Rates per 1,000 Live Births, Saskatchewan, 1985

Age of child	Number of infant deaths		Rate*		Per cent	
	Male	Female	Male	Female	Male	Female
Total	104	96	11.0	11.0	100.0	100.0
Under 1 day	36	33	3.8	3.8	34.6	34.4
1 day - 1 week	14	13	1.5	1.5	13.5	13.5
1 week - 1 month	19	8	2.0	0.9	18.3	8.3
1 month - 6 months	30	29	3.2	3.3	28.8	30.2
6 months - 1 year	5	13	0.5	1.5	4.8	13.5

** Rate per 1,000 live births.*

Table 29. Infant Deaths by Selected Causes with Rates per 1,000 Live Births by Age at Death, Saskatchewan, 1985

Cause of death	Total under 1 year		Total under 28 days		Under 1 day		1 day		2 days		3 days		4 days	
	Number	Rate	Number	Rate	M	F	M	F	M	F	M	F	M	F
All infant deaths	200	11.0	123	6.8	36	33	6	6	5	2	2	2	1	3
Pneumonia (480-486)	7	0.4	3	0.2	1	1	–	–	–	–	–	–	–	–
Congenital anomalies														
Brain, spine, nervous system (740-742)	11	0.6	9	0.5	2	5	–	–	–	–	–	1	–	–
Heart (746)	17	0.9	10	0.6	2	1	–	–	–	–	–	–	–	1
Other circulatory system (747)	2	0.1	–	–	–	–	–	–	–	–	–	–	–	–
Respiratory system (748)	4	0.2	3	0.2	–	1	–	1	–	–	–	–	–	–
Digestive system (749-751)	2	0.1	–	–	–	–	–	–	–	–	–	–	–	–
Urinary system (753)	1	0.1	1	0.1	–	1	–	–	–	–	–	–	–	–
Other and unspecified (759)	11	0.6	7	0.4	1	5	–	–	–	–	–	–	–	–
Certain causes of perinatal mortality														
Condition of placenta, cord, membrane (762)	3	0.2	3	0.2	1	–	1	–	–	–	–	–	–	–
Immaturity (765)	13	0.7	12	0.7	5	4	2	1	–	–	–	–	–	–
Haemolytic disease (773)	1	0.1	1	0.1	1	–	–	–	–	–	–	–	–	–
Other complications (779)	3	0.2	2	0.1	2	–	–	–	–	–	–	–	–	–
Symptoms, ill-defined conditions (780-799)	23	1.3	1	0.1	–	–	–	–	–	–	–	–	–	–
Inhalation and ingestion (E911-E912)	2	0.1	–	–	–	–	–	–	–	–	–	–	–	–
Mechanical suffocation (E913)	1	0.1	–	–	–	–	–	–	–	–	–	–	–	–
All other causes	99	5.5	71	3.9	21	15	3	4	5	2	2	1	1	2

5 days		6 days		7-13 days		14-20 days		21-27 days		28 days under 2 mths		2 months		3 months		4 months		5 months		6-8 months		9-11 months	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
–	–	–	–	9	5	9	1	1	2	7	10	9	6	7	6	4	5	3	2	2	9	3	4
–	–	–	–	–	–	1	–	–	–	–	–	1	–	–	–	–	1	–	1	1	–	–	–
–	–	–	–	–	1	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	1
–	–	–	–	2	1	2	–	1	–	–	1	–	–	2	1	–	1	–	1	–	–	1	–
–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	1	–	–
–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	1	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	1	–	–	–	–	–	1	1	–	–	–	1	–	–	–	–	–	–	–	1
–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	1	–	–	–	2	1	4	3	3	3	2	2	–	–	–	2	–	–
–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	6	2	4	1	–	2	2	4	3	3	1	–	1	1	3	–	1	5	2	2

Table 30. Infant Deaths from Specific Causes by Sex with Rates per 1,000 Live Births, Saskatchewan, 1985

Cause of death	Total	Sex	
		Male	Female
		Number	
All infant deaths	200	104	96
Influenza, pneumonia (480-487)	7	4	3
Congenital anomalies (740-759)	58	25	33
Certain causes of perinatal mortality			
Birth trauma, injury (763,767)	5	4	1
Hypoxia, asphyxia, respiratory (768-770)	45	28	17
Immaturity (765)	13	8	5
Other causes (remainder 760-779)	25	14	11
Other and ill-defined causes	47	21	26
	Rate per 1,000 live births		
All infant deaths	11.0	11.0	11.0
Influenza, pneumonia (480-487)	0.4	0.4	0.3
Congenital anomalies (740-759)	3.2	2.7	3.8
Certain causes of perinatal mortality			
Birth trauma, injury (763,767)	0.3	0.4	0.1
Hypoxia, asphyxia, respiratory (768-770)	2.5	3.0	1.9
Immaturity (765)	0.7	0.8	0.6
Other causes (remainder 760-779)	1.4	1.5	1.3
Other and ill-defined causes	2.6	2.2	3.0

Table 31. Infant Deaths from Specific Causes by Age at Death with Rates per 1,000 Live Births, Saskatchewan, 1985

Cause of death	Total	0-6 days	7-27 days	28 days to 12 months
	Number			
All infant deaths	200	96	27	77
Influenza, pneumonia (480-487)	7	2	1	4
Congenital anomalies (740-759)	58	24	11	23
Certain causes of perinatal mortality				
Birth trauma, injury (763,767)	5	4	1	–
Hypoxia, asphyxia, respiratory (768-770)	45	35	6	4
Immaturity (765)	13	12	–	1
Other causes (remainder 760-779)	25	16	7	2
Other and ill-defined causes	47	3	1	43
	Rate per 1,000 live births			
All infant deaths	11.0	5.3	1.5	4.2
Influenza, pneumonia (480-487)	0.4	0.1	0.1	0.2
Congenital anomalies (740-759)	3.2	1.3	0.6	1.3
Certain causes of perinatal mortality				
Birth trauma, injury (763,767)	0.3	0.2	0.1	–
Hypoxia, asphyxia, respiratory (768-770)	2.5	1.9	0.3	0.2
Immaturity (765)	0.7	0.7	–	0.1
Other causes (remainder 760-779)	1.4	0.9	0.4	0.1
Other and ill-defined causes	2.6	0.2	0.1	2.4

Marriages and Divorces

Rate of Marriages

There were 7,132 marriages in Saskatchewan in 1985 giving a marriage rate per 1,000 population of 7.0. For Canada as a whole, the rate decreased slightly, from 7.4 in 1984 to 7.3 in 1985.

August was the most favoured month for marriages in 1985 followed by June and July. The smallest number of marriages occurred in January.

The following table shows the distribution of marriage registrations by month.

Month	*Number*
January	120
February	225
March	281
April	402
May	633
June	1,084
July	1,016
August	1,184
September	500
October	665
November	486
December	536

Previous Marital Status and Age at Marriage

In 1985 in Saskatchewan, 74.6 per cent of all marriages were between persons who had not been previously married.

Of brides, 13.3 per cent were age 19 or less, whereas 2.6 per cent of bridegrooms fell into this category. Nearly 43.7 per cent of all bridegrooms and 62.4 per cent of all brides were 24 years or less. The average age of grooms was 28.1 and brides 25.4.

The following table gives a comparison of the average age of bridegrooms and brides for the years 1975-1985

Average Age at Time of Marriage in Years		
	Bridegroom	*Bride*
1975	25.6	23.1
1976	25.8	23.2
1977	26.7	23.9
1978	26.3	23.6
1979	26.4	23.8
1980	26.7	24.0
1981	27.1	24.4
1982	27.1	24.4
1983	27.6	24.9
1984	28.0	25.3
1985	28.1	25.4

Birth Place and Religious Denomination

The number of Saskatchewan born brides was 5,712 or 80.1 per cent of total brides while Saskatchewan born grooms numbered 5,305 or 74.4 per cent; 90.9 per cent of all grooms and 95.1 per cent of all brides were born in Canada.

Both parties were of the same religious denomination in 45.3 per cent of all marriages recorded in Saskatchewan in 1985.

Divorces and Annulments

There were 1,927 divorces and annulments in Saskatchewan in 1985, a decrease of 61 from the previous year. The rate of divorces and annulments per 100,000 population in 1985 was 189 compared to 198 for 1984.

The ratio of divorces and annulments to marriages was 1:4 in 1984 and 1:4 in 1985.

Table 32. Divorces and Annulments, Ratio to Marriages, and Rate per 100,000 Population, Saskatchewan, 1979-1985

Item	1979	1980	1981	1982	1983	1984	1985
Number of divorces and annulments	1,528†	1,836	1,932	1,815	2,000	1,988	1,927
Number of marriages	7,261	7,561	7,325	7,491	7,504	7,213	7,132
Ratio of divorces and annulments to marriages	1:5	1:4	1:4	1:4	1:4	1:4	1:4
Rate of divorces and annulments per 100,000 population	159†	189	199	185	202	198	189

† Revised figure.

Source: Divorce figures from Statistics Canada publication "Vital Statistics, Volume II Marriages and Divorces", 84-205.

Table 33. Marriages by Previous Marital Status of Bridegroom and Bride, Saskatchewan, 1985

Status of bridegroom	Total	Status of bride		
		Single	Widow	Divorced
Total	7,132	5,920	213	999
Single	5,843	5,320	50	473
Widower	189	34	103	52
Divorced	1,100	566	60	474

Table 34. Bridegrooms and Brides by Age and Previous Marital Status, Saskatchewan, 1985

Age group	Bridegrooms				Brides			
	Total	Single	Widower	Divorced	Total	Single	Widow	Divorced
	Number							
Total	7,132	5,843	189	1,100	7,132	5,920	213	999
Under 20	184	182	—	2	947	946	—	1
20-24	2,931	2,905	1	25	3,504	3,414	3	87
25-29	2,102	1,904	2	196	1,435	1,151	12	272
30-34	907	570	8	329	574	294	18	262
35-39	389	152	8	229	265	75	17	173
40-44	197	50	8	139	116	18	12	86
45-49	99	22	12	65	83	9	21	53
50-54	103	21	22	60	55	3	17	35
55-59	70	18	22	30	45	4	26	15
60-64	51	11	25	15	43	4	30	9
65-69	42	3	31	8	31	1	26	4
70-74	28	3	24	1	18	1	15	2
75+	29	2	26	1	16	—	16	—
Average age	28.1	25.4	60.0	36.6	25.4	23.0	53.5	33.8
Median age	25.0	24.0	62.0	34.0	23.0	22.0	56.0	32.0

Average and median ages were calculated using single year age groups.

Table 35. Marriages by Religious Denomination of Bridegroom and Bride, Saskatchewan, 1985

Denomination	Number			Per cent		
	Both parties*	Bridegroom	Bride	Both parties*	Bridegroom	Bride
Total	3,228	7,132	7,132	45 3	100 0	100 0
Baptists	47	117	123	0 7	1 6	1 7
Lutherans	145	552	582	2 0	7 7	8 2
Mennonites	93	177	198	1 3	2 5	2 8
Presbyterians	11	76	69	0 2	1 1	1 0
Roman Catholics	1,106	2,228	2,216	15 5	31 2	31 1
United Church	779	1,657	1,738	10 9	23 2	24 4
All other religions	744	1,430	1,381	10 4	20 1	19 4
No religion	156	346	280	2 2	4 9	3 9
Unspecified or unknown	147	549	545	2 1	7 7	7 6

* *These figures and percentages represent marriages in which both the bridegroom and bride were of the same religious denomination. The difference between this figure and the total number of marriages represents the proportion in which bridegroom and bride were of different religious denominations. Includes Eastern Orthodox Churches and Doukhobors.*

Table 36. Marriages by Birthplace of Bridegroom and Bride, Saskatchewan, 1985

Birthplace of bridegroom	Birthplace of bride												
	Total	Sask.	Alta.	B.C.	Man.	Ont.	Other prov.	U.S.	Asia	Europe	Africa	Other	Not stated
Total	7,132	5,712	299	151	259	243	120	62	111	125	21	29	—
Saskatchewan	5,305	4,479	206	108	177	146	70	38	11	57	5	8	—
Alberta	339	261	39	7	13	10	5	1	—	3	—	—	—
British Columbia	163	121	4	10	9	12	3	—	1	2	1	—	—
Manitoba	317	236	14	5	31	9	5	5	—	11	—	1	—
Ontario	360	264	16	8	9	36	8	5	2	11	—	1	—
Other provinces	185	118	8	6	8	11	23	2	1	5	3	—	—
United States	94	66	4	3	1	8	2	7	—	2	1	—	—
Asia	114	15	1	—	1	1	—	—	94	2	—	—	—
Europe	187	122	6	3	7	9	3	2	1	31	1	2	—
Africa	24	7	1	1	1	—	1	1	1	1	9	1	—
Other	44	23	—	—	2	1	—	1	—	—	1	16	—
Not stated	—	—	—	—	—	—	—	—	—	—	—	—	—

Life Expectancy

A life expectancy table is, in effect, the history of mortality of 100,000 male babies and of 100,000 female babies born at the same time. Life expectancy figures provide a graphic picture of the extent to which the saving of lives has gradually prolonged the average expectation of life, and are fairly good mirrors reflecting the general health and survival conditions at the time of their compiling.

According to the Saskatchewan life table compiled on the basis of the 1981 census, the life expectancy at birth reached an all time peak for females, 79.61 years, and for males, 72.43 years. The gain in life expectancy is greater in females. A sharp rise in the probability of death begins at age 56 for males and at 65 for females, the decrease in expectancy being faster for males than females.

Table 37. Life Expectancy, Saskatchewan, 1941, 1961, 1981

	Life expectancy			Gain or loss in life expectancy	
Age	1941	1961	1981	1961 over 1941	1981 over 1961
	Males				
At birth	65.43	70.27	72.43	4.84	2.16
20	51.28	53.49	54.35	2.21	0.86
40	33.32	34.99	35.92	1.67	0.93
60	16.82	18.10	19.09	1.28	0.99
80	5.76	6.31	7.16	0.55	0.85
	Females				
At birth	68.19	75.93	79.61	7.74	3.68
20	53.08	58.35	60.85	5.27	2.50
40	34.96	39.09	41.64	4.13	2.55
60	18.26	21.09	23.65	2.83	2.56
80	6.38	7.29	8.94	0.91	1.65

Note: Source of figures for 1941: Life Tables for Canada and Regions, 1941 and 1931, D.B.S. Ottawa 1947. These figures have been calculated for the prairie provinces. The figures for 1961 have been calculated for Saskatchewan by the Department of Health. The figures for 1981 are taken from the Statistics Canada publication, Life Tables, Canada and Provinces, 1980-1982.

Table 38. Life Table for Saskatchewan in Shortened Form, 1981 — Males

Age	Number of survivors l_x	Number of deaths d_x	Probability of death before reaching next birthday q_x	Life expectancy e_x^o
At birth	100,000	1,320	.01320	72.43
1 year	98,680	108	.00190	72.40
2 years	98,572	79	.00080	71.48
3 years	98,493	64	.00065	70.53
4 years	98,429	57	.00058	69.58
5 years	98,372	44	.00045	68.62
10 years	98,245	21	.00021	63.71
15 years	98,002	126	.00130	58.86
20 years	97,150	199	.00204	54.35
25 years	96,193	168	.00176	49.87
30 years	95,430	135	.00141	45.24
35 years	94,743	157	.00165	40.55
40 years	93,837	222	.00236	35.92
45 years	92,494	365	.00394	31.40
50 years	90,330	517	.00572	27.09
55 years	87,300	792	.00908	22.94
60 years	82,629	1,127	.01364	19.09
65 years	76,126	1,618	.02126	15.49
70 years	66,756	2,262	.03389	12.30
75 years	54,226	2,827	.05214	9.54
80 years	39,472	3,023	.07657	7.16
85 years	24,386	2,926	.12000	5.04

Table 38. Life Table for Saskatchewan in Shortened Form, 1981 — Females (Continued)

Age	Number of survivors l_x	Number of deaths d_x	Probability of death before reaching next birthday q_x	Life expectancy e_x^o
At birth	100,000	914	.00914	79.61
1 year	99,086	86	.00087	79.34
2 years	99,000	45	.00046	78.41
3 years	98,955	34	.00034	77.45
4 years	98,921	30	.00030	76.47
5 years	98,891	25	.00026	75.50
10 years	98,788	18	.00019	70.57
15 years	98,657	48	.00049	65.66
20 years	98,371	55	.00056	60.85
25 years	98,107	58	.00060	56.00
30 years	97,779	73	.00075	51.18
35 years	97,369	101	.00103	46.39
40 years	96,809	122	.00126	41.64
45 years	96,096	199	.00207	36.93
50 years	94,897	285	.00300	32.36
55 years	93,208	458	.00492	27.90
60 years	90,508	633	.00698	23.65
65 years	86,918	890	.01024	19.52
70 years	81,591	1,368	.01677	15.62
75 years	73,395	2,085	.02840	12.07
80 years	61,250	2,930	.04784	8.94
85 years	44,776	3,785	.08452	6.26